

10/760,509

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JUL 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS
NEWS 4 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
fields
NEWS 5 AUG 02 CPlus and CA patent records enhanced with European and Japan
Patent Office Classifications
NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover!
(Version 7.01 for Windows) now available
NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
status data from INPADOC
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 12 SEP 27 STANDARDS will no longer be available on STN
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN
NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:21:21 ON 07 NOV 2004

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL

10/760,509

FULL ESTIMATED COST

ENTRY	SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:21:32 ON 07 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 5 NOV 2004 HIGHEST RN 775356-23-5
DICTIONARY FILE UPDATES: 5 NOV 2004 HIGHEST RN 775356-23-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

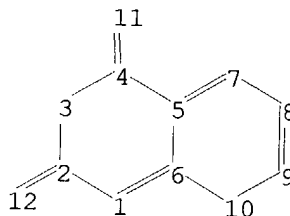
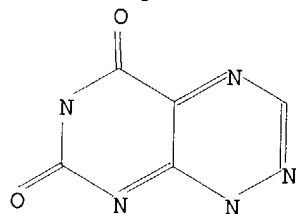
Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\10760509.str



chain nodes :

11 12

ring nodes :

1 2 3 4 5 6 7 8 9 10

chain bonds :

2-12 4-11

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

exact/norm bonds :

1-2 1-6 2-3 2-12 3-4 4-5 4-11 5-6 5-7 6-10 7-8 8-9 9-10

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS

10/760,509

L1 STRUCTURE UPLOADED

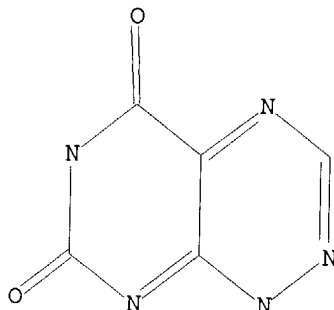
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:21:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 41 TO ITERATE

100.0% PROCESSED 41 ITERATIONS

SEARCH TIME: 00.00.01

19 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 436 TO 1204

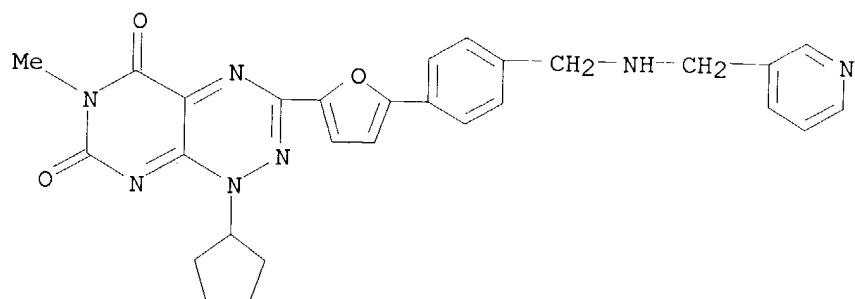
PROJECTED ANSWERS: 119 TO 641

L3 19 SEA SSS SAM L1

=> d scan

10/760,509

```
L3 19 ANSWERS  REGISTRY  COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-
MF [5-[4-[[ (3-pyridinylmethyl)amino]methyl]phenyl]-2-furanyl]- (9CI)
C28 H27 N7 O3
```

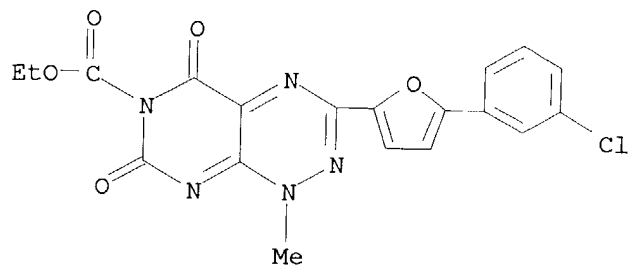


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):18

10/760,509

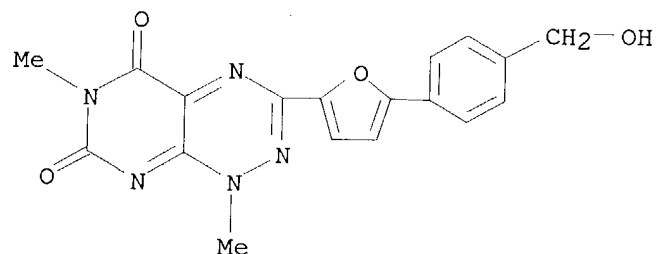
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-6(5H)-carboxylic acid, 3-[5-(3-chlorophenyl)-2-furanyl]-1,7-dihydro-1-methyl-5,7-dioxo-, ethyl ester (9CI)
MF C19 H14 Cl N5 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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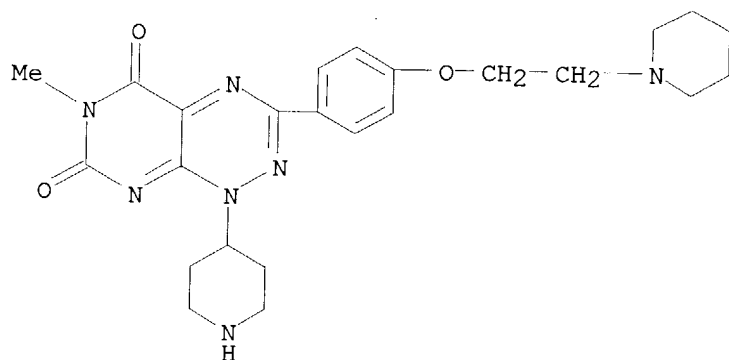
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(
(hydroxymethyl)phenyl]-2-furanyl]-1,6-dimethyl- (9CI)
MF C18 H15 N5 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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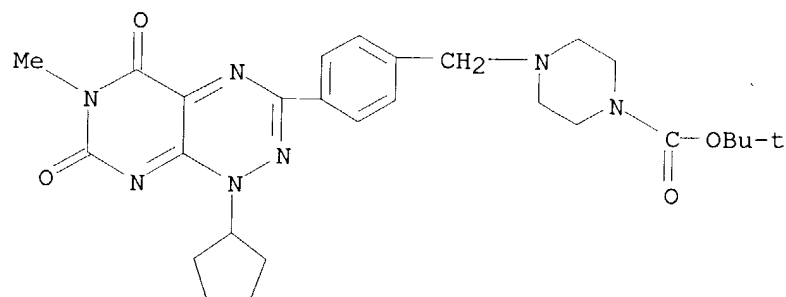
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(4-
piperidinyl)-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI)
MF C24 H31 N7 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/760,509

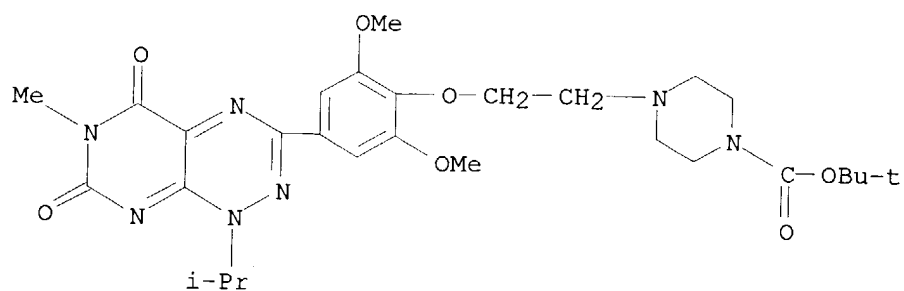
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1-Piperazinecarboxylic acid, 4-[[4-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl)methyl]-, 1,1-dimethylethyl ester (9CI)
MF C27 H35 N7 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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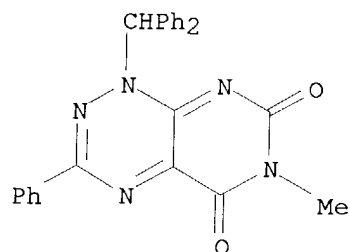
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1-Piperazinecarboxylic acid, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI)
MF C28 H39 N7 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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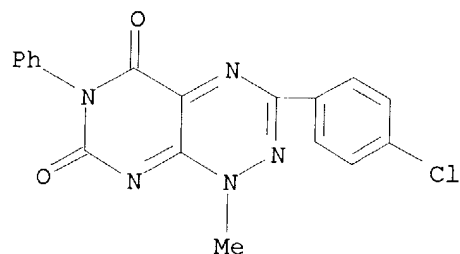
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(diphenylmethyl)-6-
methyl-3-phenyl- (9CI)
MF C25 H19 N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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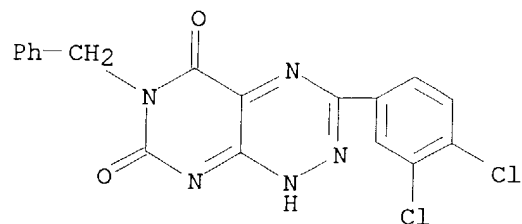
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-
methyl-6-phenyl- (9CI)
MF C18 H12 Cl N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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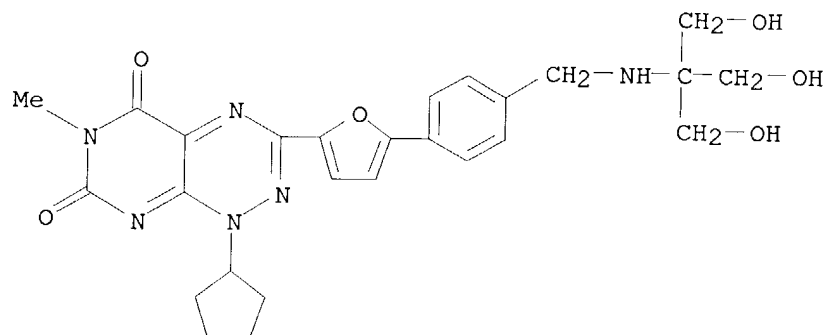
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-(phenylmethyl)- (9CI)
MF C18 H11 Cl2 N5 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/760,509

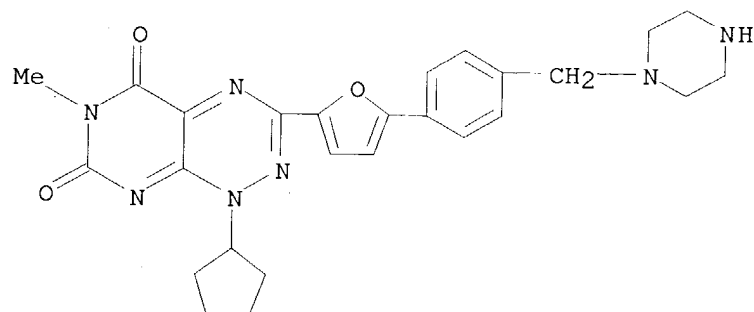
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-
[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]phenyl]-2-furanyl]-6-
methyl- (9CI)
MF C26 H30 N6 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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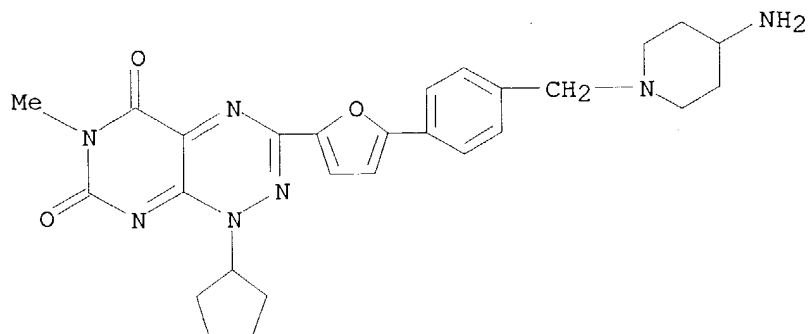
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-
[5-[4-(1-piperazinylmethyl)phenyl]-2-furanyl]- (9CI)
MF C26 H29 N7 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/760,509

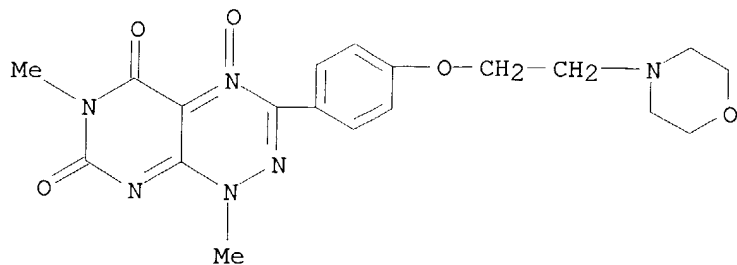
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-[(4-amino-1-
piperidinyl)methyl]phenyl]-2-furanyl]-1-cyclopentyl-6-methyl- (9CI)
MF C27 H31 N7 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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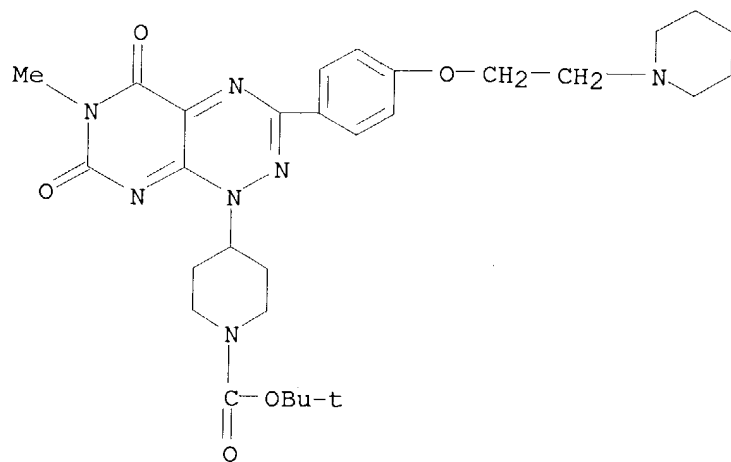
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]-, 4-oxide (9CI)
MF C19 H22 N6 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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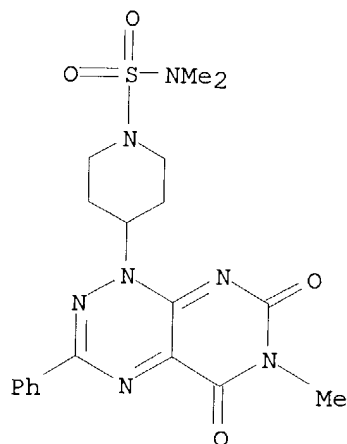
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1-Piperidinecarboxylic acid, 4-[6,7-dihydro-6-methyl-5,7-dioxo-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-,
1,1-dimethylethyl ester (9CI)
MF C29 H39 N7 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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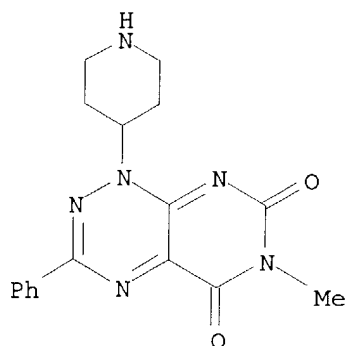
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1-Piperidinesulfonamide, 4-(6,7-dihydro-6-methyl-5,7-dioxo-3-
phenylpyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl)-N,N-dimethyl- (9CI)
MF C19 H23 N7 O4 S



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L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-(4-
piperidinyl)- (9CI)
MF C17 H18 N6 O2

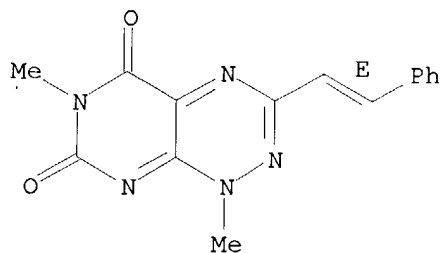


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-
phenylethenyl)-, (E)- (9CI)
MF C15 H13 N5 O2

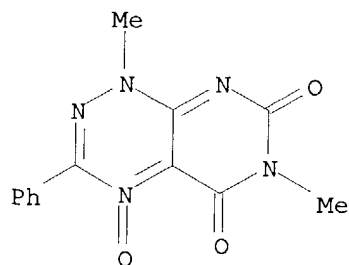
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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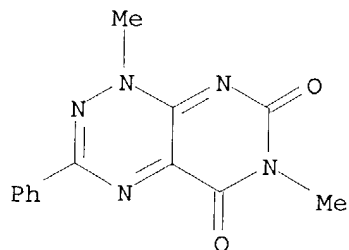
L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,
4-oxide (9CI)
MF C13 H11 N5 O3



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L3 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-
(9CI)
MF C13 H11 N5 O2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

10/760,509

=> s l1 sss ful

FULL SEARCH INITIATED 11:22:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 894 TO ITERATE

100.0% PROCESSED 894 ITERATIONS 364 ANSWERS
SEARCH TIME: 00.00.01

L4 364 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	155.84	156.05

FILE 'CAPLUS' ENTERED AT 11:22:33 ON 07 NOV 2004
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FILE COVERS 1907 - 7 Nov 2004 VOL 141 ISS 20
FILE LAST UPDATED: 6 Nov 2004 (20041106/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5 132 L4

=> d l5 1-132 bib hitstr

L5 ANSWER 1 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2004:605439 CAPLUS
 DN 141:157139
 TI Preparation of pyrimido(5,4-e)(1,2,4)triazin-5,7-diones as phosphotyrosine phosphatase 1B inhibitors for the treatment of type II diabetes.
 IN Petry, Stefan; Baringhaus, Karl-Heinz; Tennagels, Norbert; Mueller, Guenter
 PA Aventis Pharma Deutschland GmbH, Germany
 SO Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10301788	A1	20040729	DE 2003-10301788	20030120
	WO 2004065387	A1	20040805	WO 2004-EP40	20040107

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ

PRAI DE 2003-10301788 A 20030120

OS MARPAT 141:157139

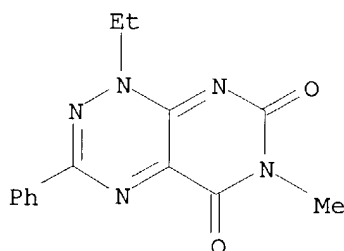
IT 164520-05-2P 164520-07-4P 296266-46-1P
 462087-83-8P 524039-89-2P 729598-89-4P
 729598-90-7P 729598-91-8P 729598-92-9P
 729598-93-0P 729598-94-1P 729598-95-2P
 729598-96-3P 729598-97-4P 729598-98-5P
 729598-99-6P 729599-00-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrimidotriazinylidiones as phosphotyrosine phosphatase 1B inhibitors for the treatment of type II diabetes.)

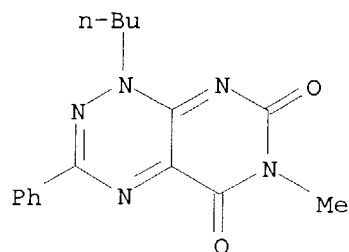
RN 164520-05-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-(9CI) (CA INDEX NAME)



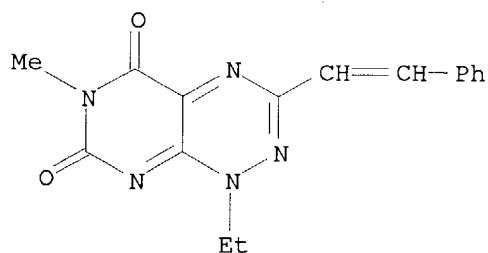
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-(9CI) (CA INDEX NAME)



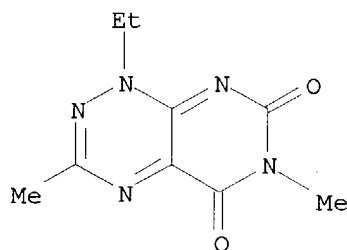
RN 296266-46-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



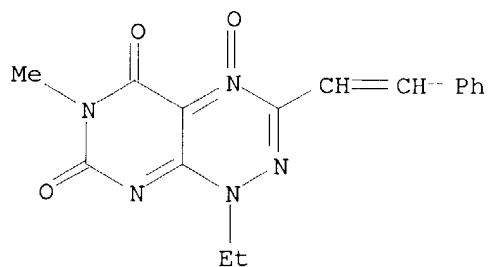
RN 462087-83-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-dimethyl- (9CI) (CA INDEX NAME)



RN 524039-89-2 CAPLUS

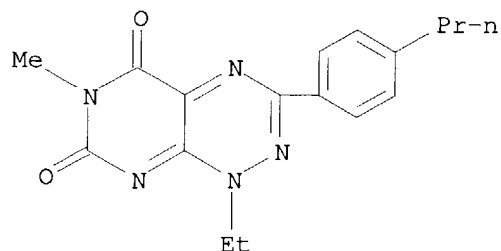
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(2-phenylethenyl)-, 4-oxide (9CI) (CA INDEX NAME)



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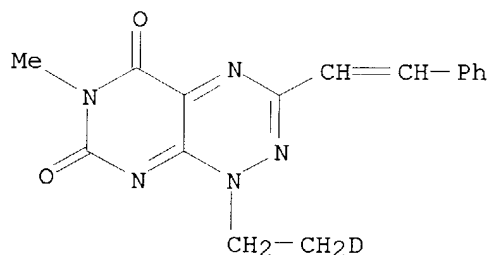
RN 729598-89-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(4-propylphenyl)- (9CI) (CA INDEX NAME)



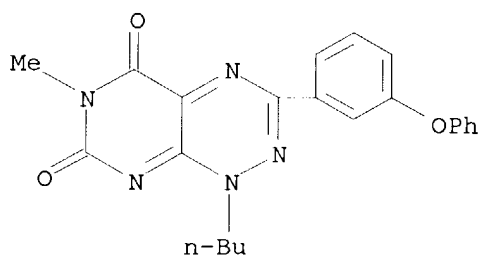
RN 729598-90-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(ethyl-2-d)-6-methyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



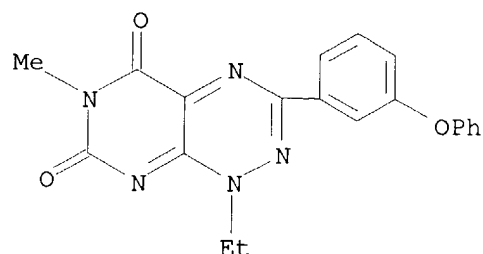
RN 729598-91-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)

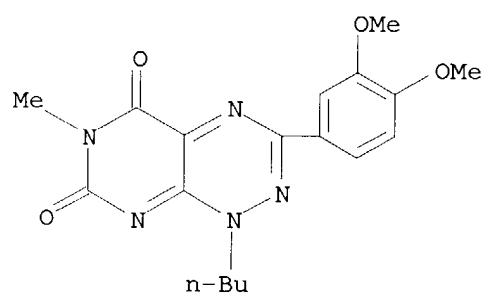


RN 729598-92-9 CAPLUS

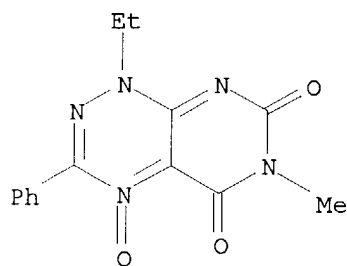
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)



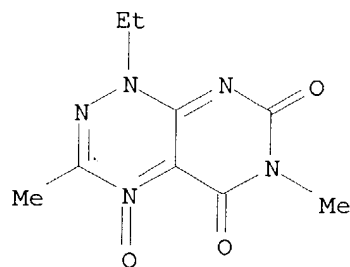
RN 729598-93-0 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 729598-94-1 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

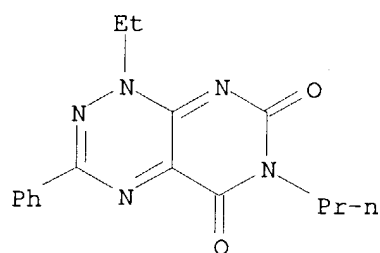


RN 729598-95-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



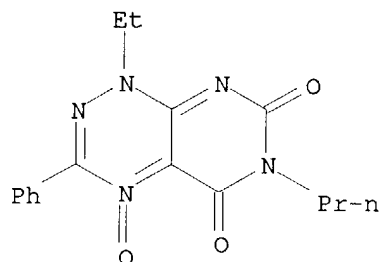
RN 729598-96-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-phenyl-6-propyl-
(9CI) (CA INDEX NAME)



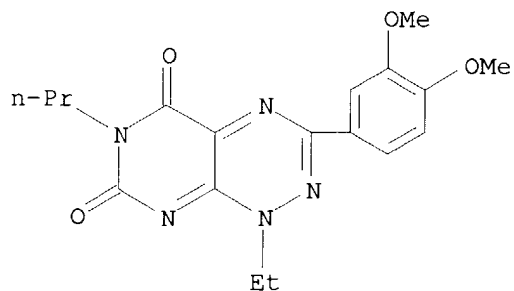
RN 729598-97-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-phenyl-6-propyl-
, 4-oxide (9CI) (CA INDEX NAME)



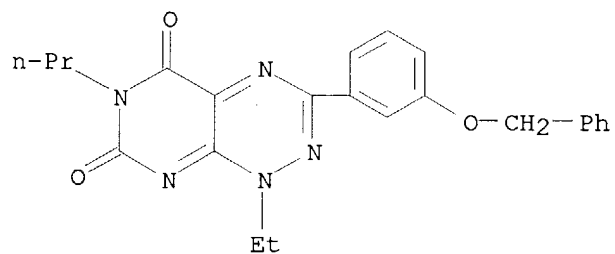
RN 729598-98-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1-
ethyl-6-propyl- (9CI) (CA INDEX NAME)



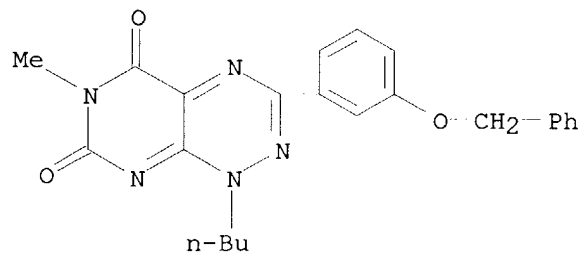
RN 729598-99-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-[3-(phenylmethoxy)phenyl]-6-propyl- (9CI) (CA INDEX NAME)



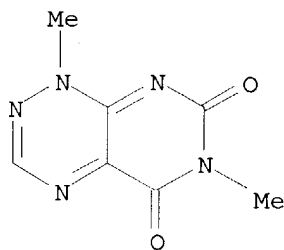
RN 729599-00-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-[3-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



10/760,509

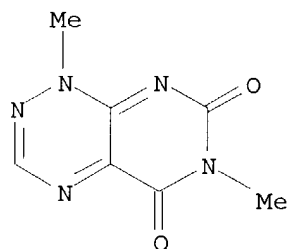
L5 ANSWER 2 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:544522 CAPLUS
DN 141:255221
TI Essential regulator gene toxR for toxoflavin biosynthesis of Burkholderia
glumae
AU Shingu, Yoshinori; Yoneyama, Katsuyoshi
CS Faculty of Agriculture, Meiji University, Kawasaki, Kanagawa, 214-8571,
Japan
SO Journal of General Plant Pathology (2004), 70(2), 108-114
CODEN: JGPPBQ; ISSN: 1345-2630
PB Phytopathological Society of Japan
DT Journal
LA English
IT **84-82-2P**, Toxoflavin
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
BIOL (Biological study); PREP (Preparation)
(biosynthesis; essential regulator gene toxR for toxoflavin
biosynthesis of Burkholderia glumae)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

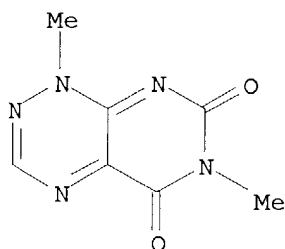
L5 ANSWER 3 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:544520 CAPLUS
DN 141:289754
TI Molecular characterization of the tox operon involved in toxoflavin
biosynthesis of Burkholderia glumae
AU Suzuki, Fumihiko; Sawada, Hiroyuki; Azegami, Koji; Tsuchiya, Kenichi
CS Department of Biological Safety, National Institute for Agro-Environmental
Sciences, Tsukuba, Japan
SO Journal of General Plant Pathology (2004), 70(2), 97-107
CODEN: JGPPBQ; ISSN: 1345-2630
PB Phytopathological Society of Japan
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(sequence of tox operon involved in toxoflavin biosynthesis of
Burkholderia glumae)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 4 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:115832 CAPLUS
DN 140:331973
TI Small-molecule antagonists of the oncogenic Tcf/ β -catenin protein complex
AU Lepourcelet, Maina; Chen, Ying-Nan P.; France, Dennis S.; Wang, Huisheng; Crews, Phillip; Petersen, Frank; Bruseo, Charles; Wood, Alexander W.; Shivdasani, Ramesh A.
CS Departments of Medical Oncology and Cancer Biology, Dana-Farber Cancer Institute, Boston, MA, 02115, USA
SO Cancer Cell (2004), 5(1), 91-102
CODEN: CCAECI; ISSN: 1535-6108
PB Cell Press
DT Journal
LA English
IT **84-82-2**, PKF 118-310
RL: PAC (Pharmacological activity); BIOL (Biological study)
(small-mol. antagonists of the oncogenic Tcf/ β -catenin protein complex)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 5 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:60512 CAPLUS
DN 140:111195
TI Preparation and formulation of 3-furanyl analogs of toxoflavine as kinase inhibitors
IN Lacrampe, Jean Fernand Armand; Connors, Richard William; Ho, Chih Yung; Richardson, Alan; Freyne, Eddy Jean Edgard; Buijnsters, Peter Jacobus Johannes; Bakker, Annette Cornelia
PA Janssen Pharmaceutica N.V., Belg.
SO PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004007499	A1	20040122	WO 2003-EP50293	20030708
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI EP 2002-77822 A 20020715

OS CASREACT 140:111195; MARPAT 140:111195

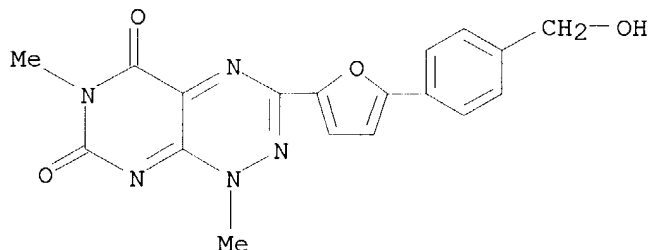
IT 647022-78-4P 647022-87-5P 647022-88-6P
647022-89-7P 647022-90-0P 647022-93-3P
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647023-00-5P 647023-01-6P 647023-02-7P
647023-05-0P 647023-08-3P 647023-33-4P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of 3-furanyl analogs of toxoflavin as kinase inhibitors)

RN 647022-78-4 CAPLUS

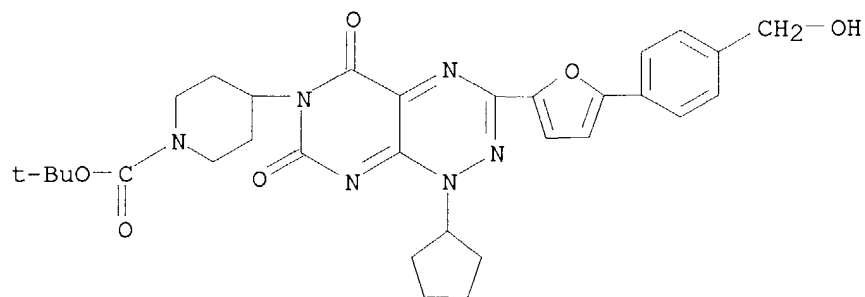
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 647022-87-5 CAPLUS

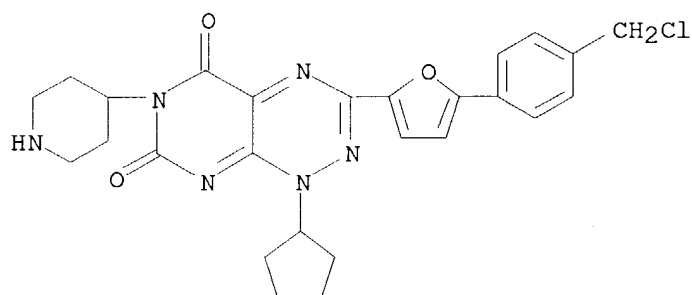
CN 1-Piperidinecarboxylic acid, 4-[1-cyclopentyl-1,7-dihydro-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-

6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



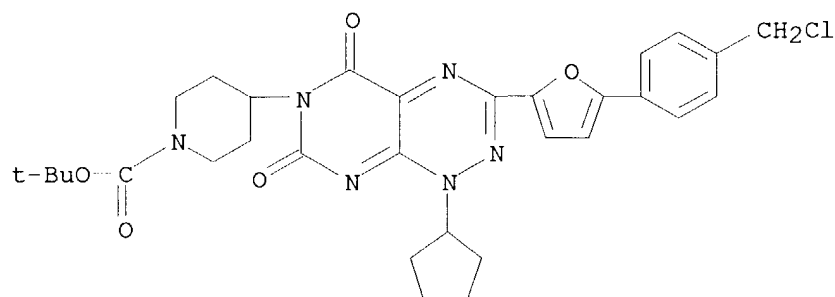
RN 647022-88-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(chloromethyl)phenyl]-2-furanyl]-1-cyclopentyl-6-(4-piperidinyl)- (9CI)
(CA INDEX NAME)



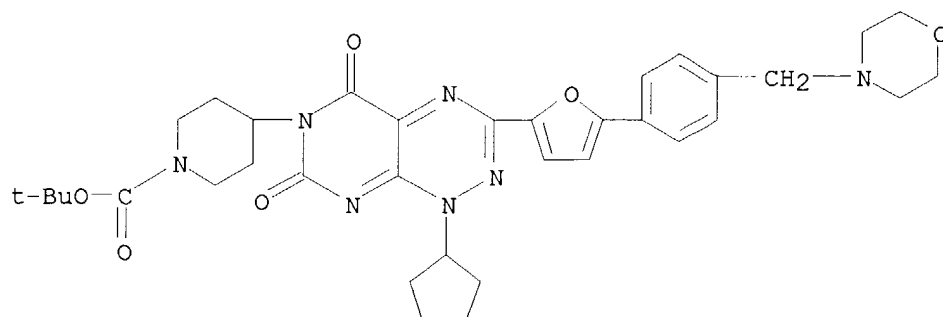
RN 647022-89-7 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[3-[5-[4-(chloromethyl)phenyl]-2-furanyl]-1-cyclopentyl-1,7-dihydro-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



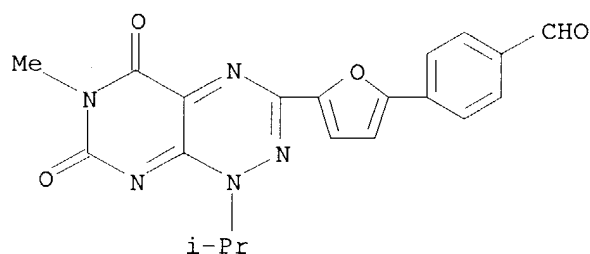
RN 647022-90-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1-cyclopentyl-1,7-dihydro-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



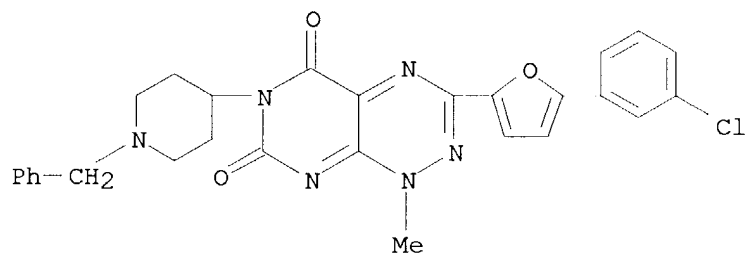
RN 647022-93-3 CAPLUS

CN Benzaldehyde, 4-[5-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]-2-furanyl]- (9CI) (CA INDEX NAME)



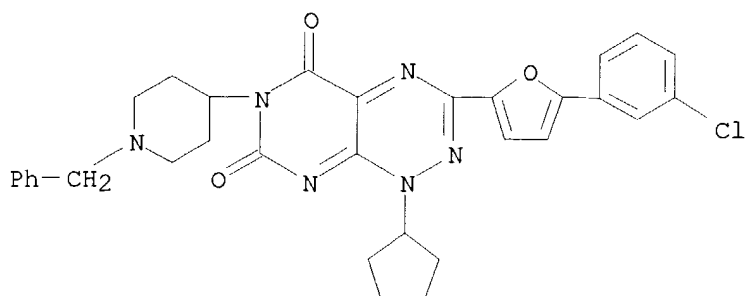
RN 647022-95-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-[1-(phenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



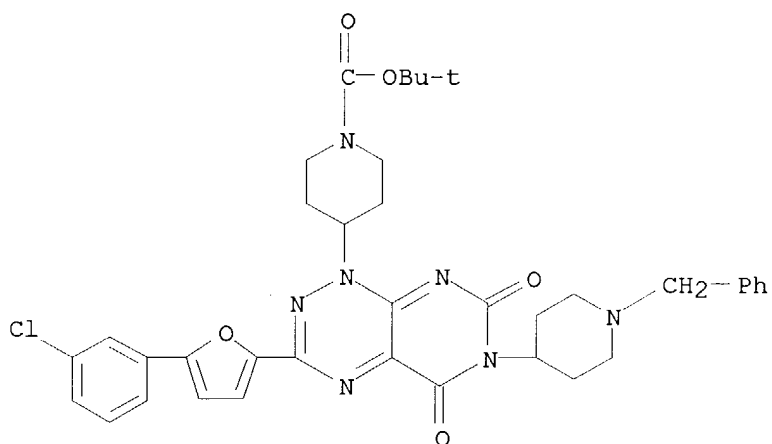
RN 647022-96-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cyclopentyl-6-[1-(phenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



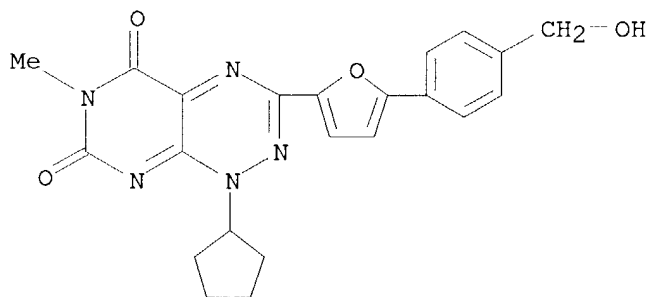
RN 647022-98-8 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-5,7-dioxo-6-[1-(phenylmethyl)-4-piperidinyl]pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



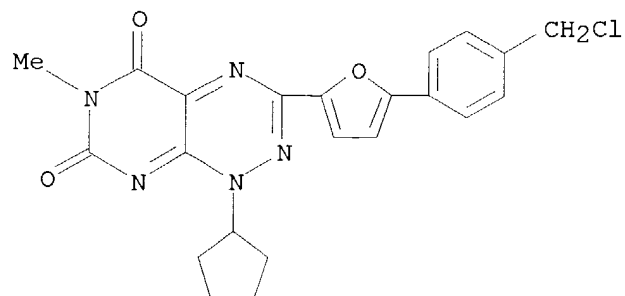
RN 647023-00-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



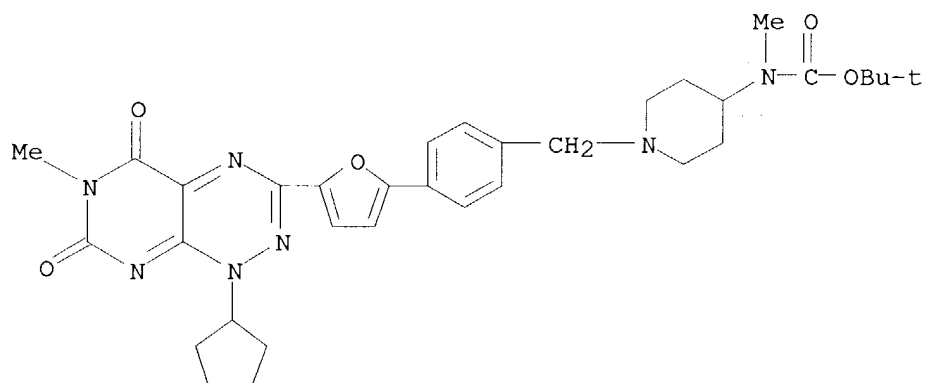
RN 647023-01-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(chloromethyl)phenyl]-2-furanyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)



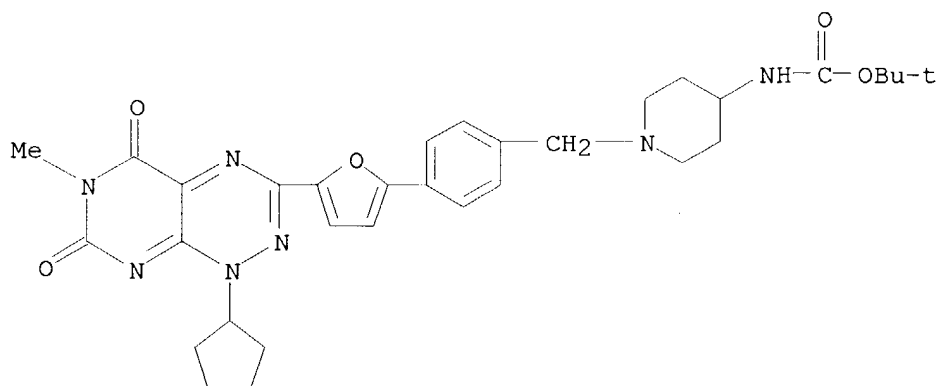
RN 647023-02-7 CAPLUS

CN Carbamic acid, [1-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-4-piperidinyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



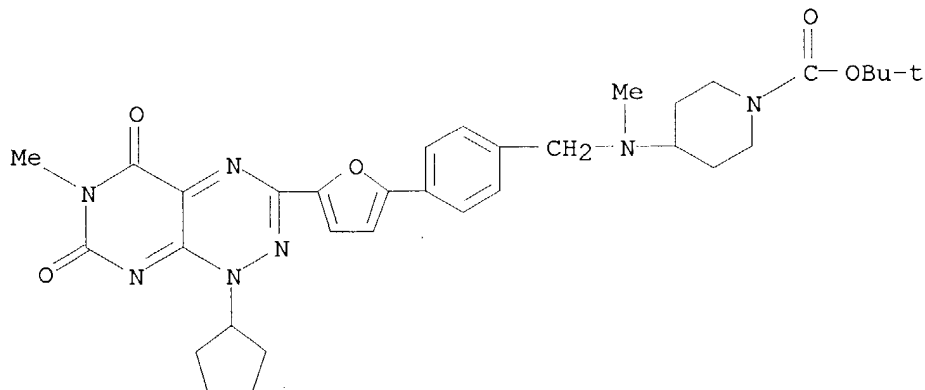
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CN Carbamic acid, [1-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-4-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



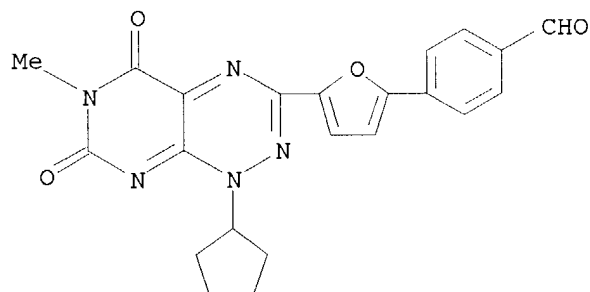
RN 647023-08-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]methylamino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647023-33-4 CAPLUS

CN Benzaldehyde, 4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



IT 647022-71-7P 647022-72-8P 647022-73-9P
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 647022-77-3P 647022-79-5P 647022-80-8P
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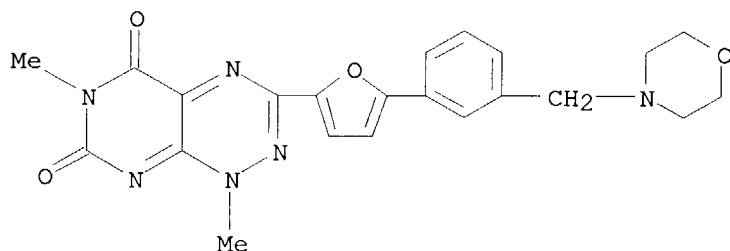
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of 3-furanyl analogs of toxoflavin as kinase inhibitors)

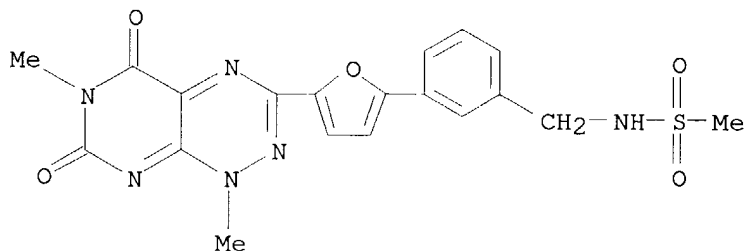
RN 647022-71-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[3-(4-morpholinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647022-72-8 CAPLUS

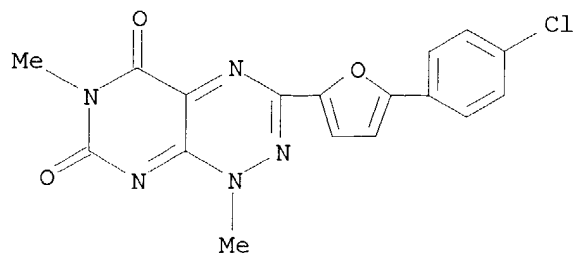
CN Methanesulfonamide, N-[[3-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]- (9CI) (CA INDEX NAME)



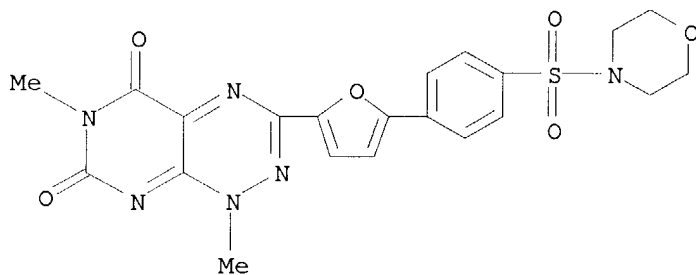
RN 647022-73-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(4-chlorophenyl)-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)

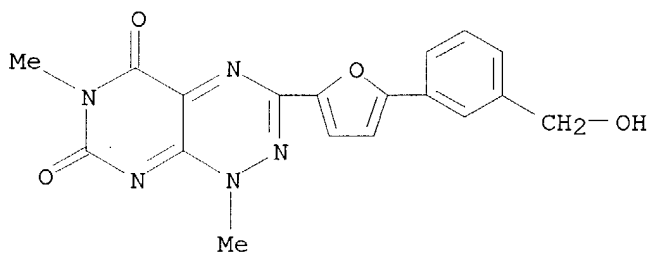
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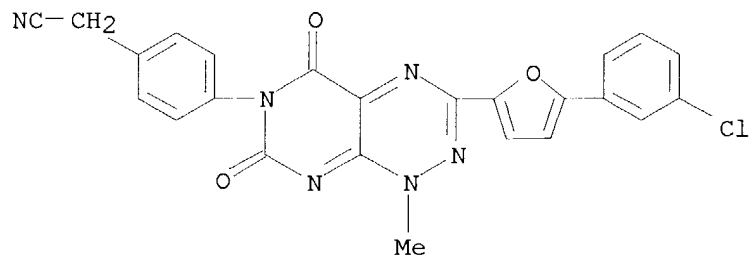
RN 647022-74-0 CAPLUS
CN Morpholine, 4-[[4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]sulfonyl]- (9CI)
(CA INDEX NAME)



RN 647022-75-1 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[3-(hydroxymethyl)phenyl]-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)

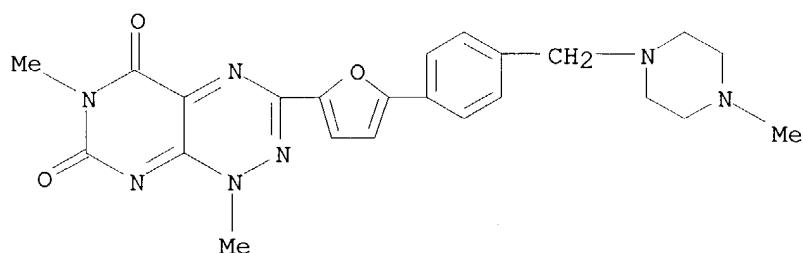


RN 647022-76-2 CAPLUS
CN Benzeneacetonitrile, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-1,7-dihydro-1-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]- (9CI) (CA INDEX NAME)



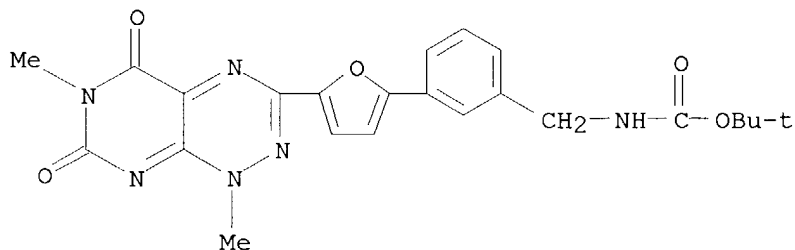
RN 647022-77-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647022-79-5 CAPLUS

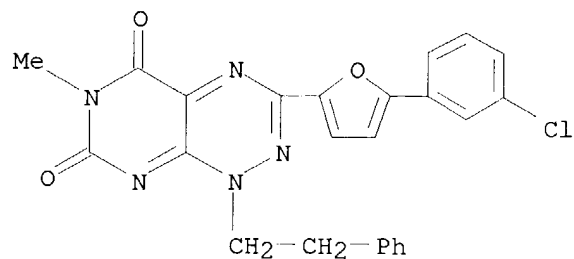
CN Carbamic acid, [[3-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647022-80-8 CAPLUS

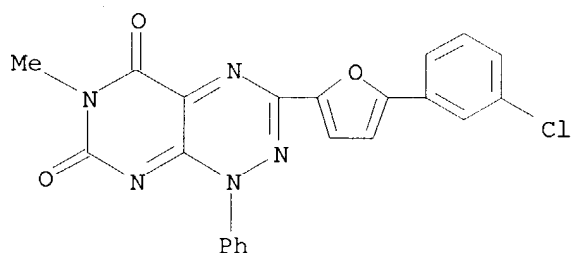
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)

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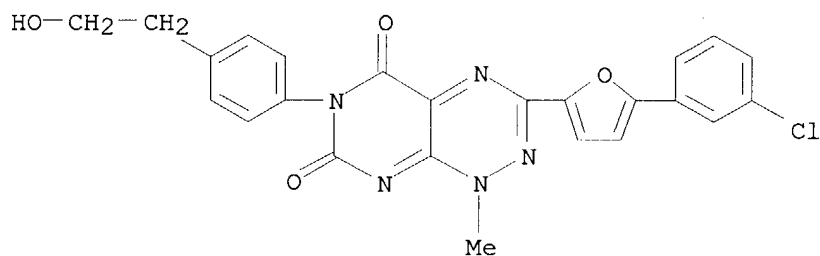
RN 647022-81-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-phenyl- (9CI) (CA INDEX NAME)



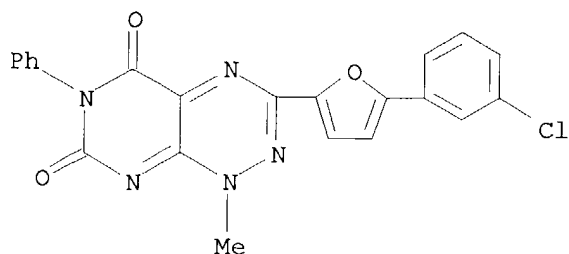
RN 647022-82-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-[4-(2-hydroxyethyl)phenyl]-1-methyl- (9CI) (CA INDEX NAME)



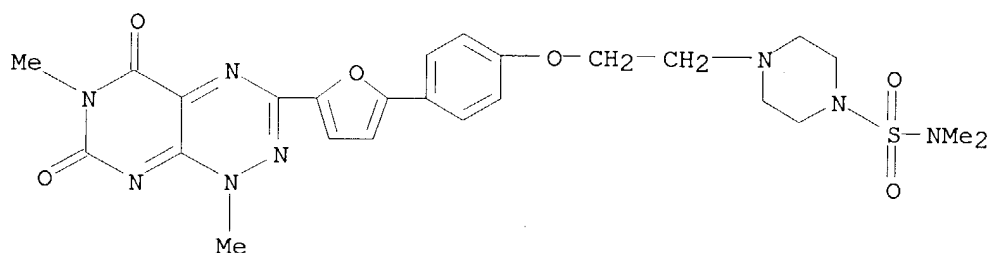
RN 647022-83-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



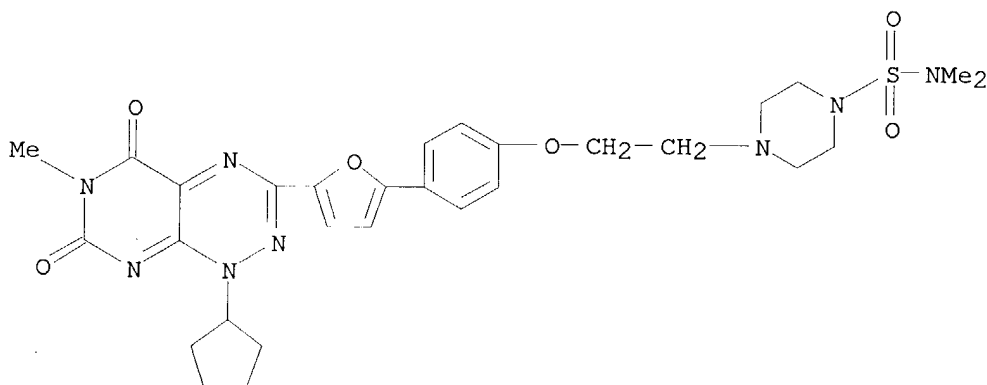
RN 647022-84-2 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



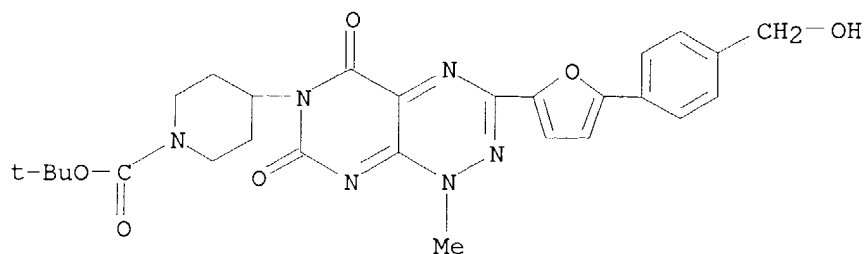
RN 647022-85-3 CAPLUS

CN 1-Piperazinesulfonamide, 4-[2-[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]ethyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



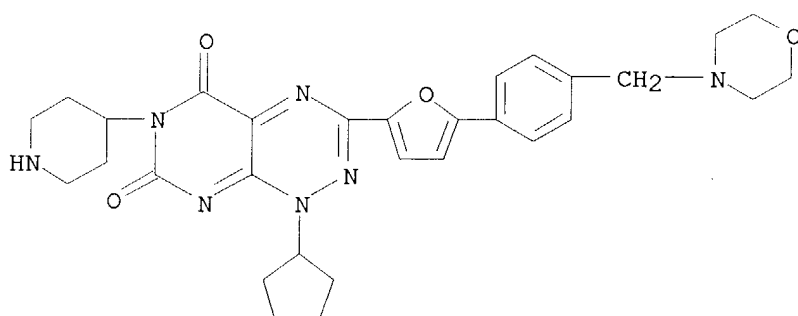
RN 647022-86-4 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1,7-dihydro-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-1-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



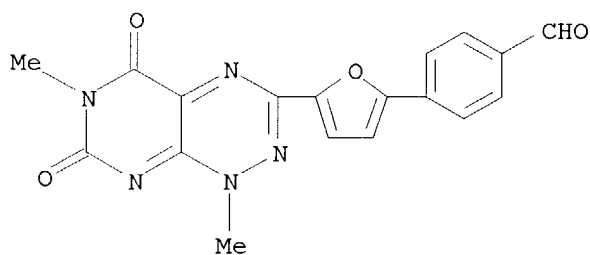
RN 647022-91-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]-6-(4-piperidinyl)- (9CI) (CA INDEX NAME)



RN 647022-92-2 CAPLUS

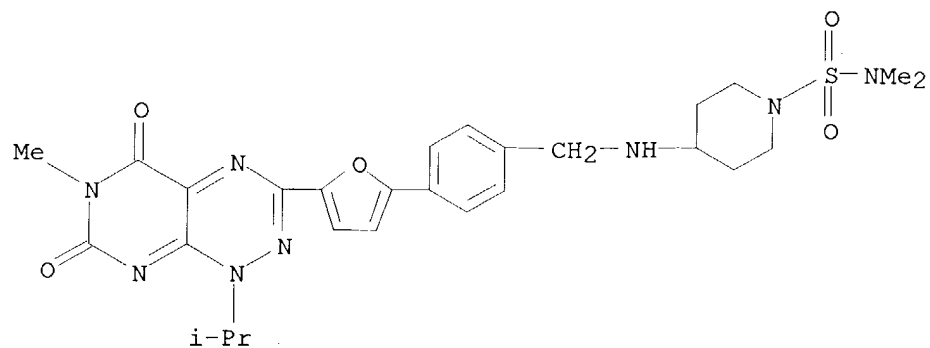
CN Benzaldehyde, 4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647022-94-4 CAPLUS

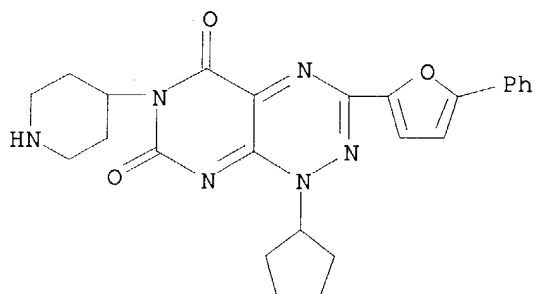
CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[[[4-[5-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]-2-furanyl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)

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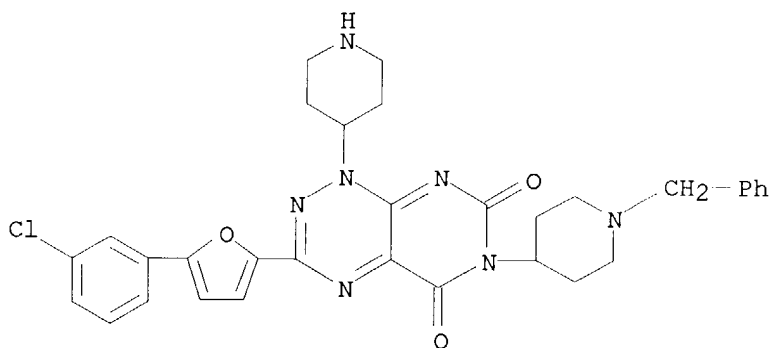
RN 647022-97-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-(5-phenyl-2-furanyl)-6-(4-piperidinyl)- (9CI) (CA INDEX NAME)



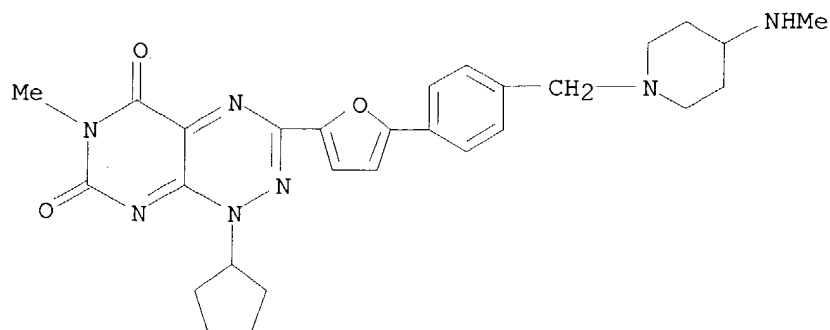
RN 647022-99-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-[1-(phenylmethyl)-4-piperidinyl]-1-(4-piperidinyl)- (9CI) (CA INDEX NAME)



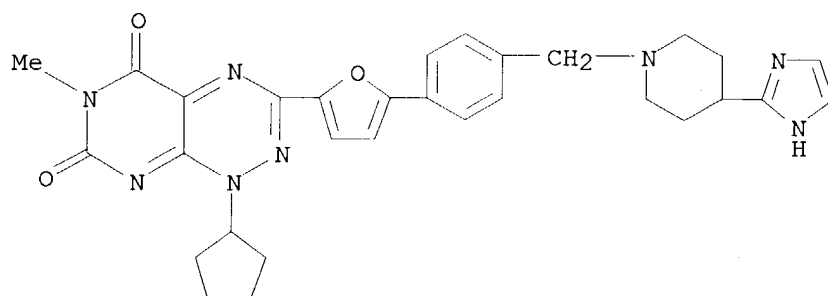
RN 647023-03-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[[4-(methylamino)-1-piperidinyl]methyl]phenyl]-2-furanyl]- (9CI)
(CA INDEX NAME)



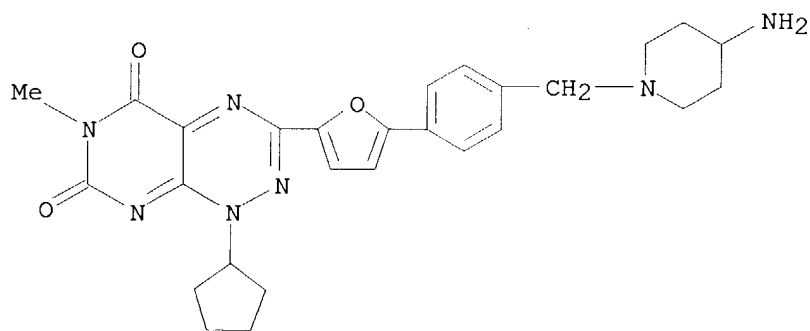
RN 647023-04-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[[4-(1H-imidazol-2-yl)-1-piperidinyl]methyl]phenyl]-2-furanyl]-6-methyl- (9CI)
(CA INDEX NAME)



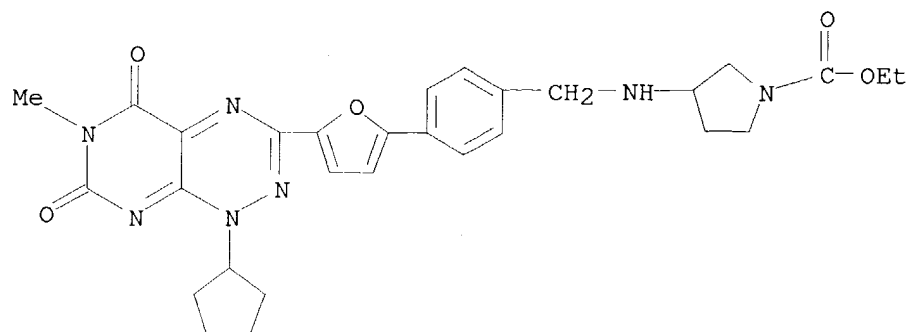
RN 647023-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-[(4-amino-1-piperidinyl)methyl]phenyl]-2-furanyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)

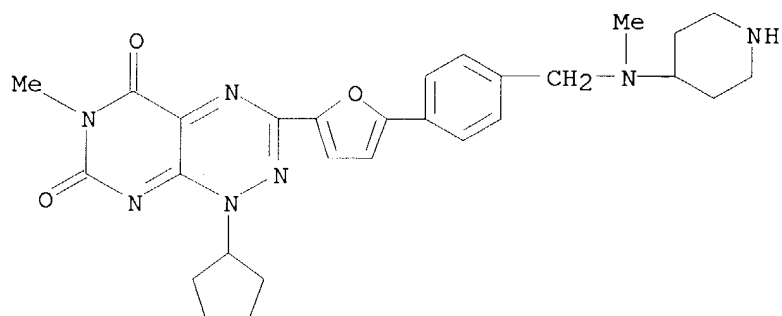


RN 647023-07-2 CAPLUS

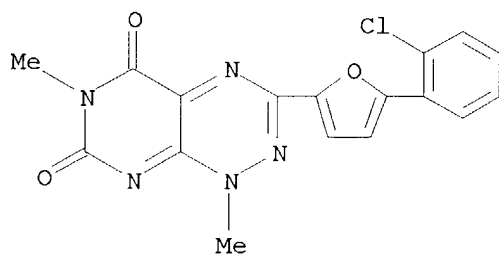
CN 1-Pyrrolidinecarboxylic acid, 3-[[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



RN 647023-09-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[(methyl-4-piperidinylamino)methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)

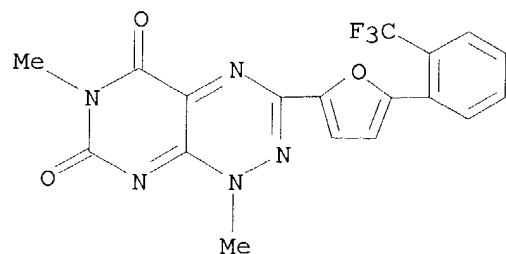


RN 647023-10-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(2-chlorophenyl)-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



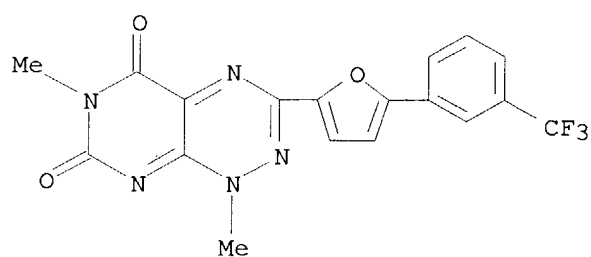
RN 647023-11-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[2-(trifluoromethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)

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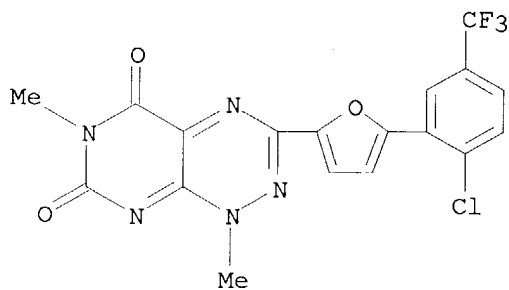
RN 647023-12-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[3-(trifluoromethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



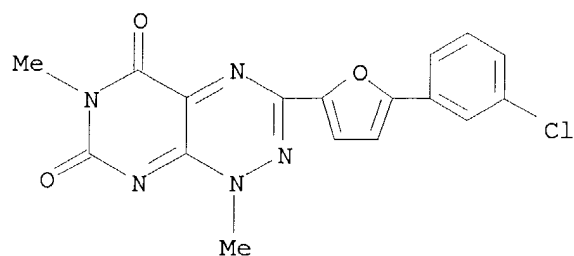
RN 647023-13-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[2-chloro-5-(trifluoromethyl)phenyl]-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



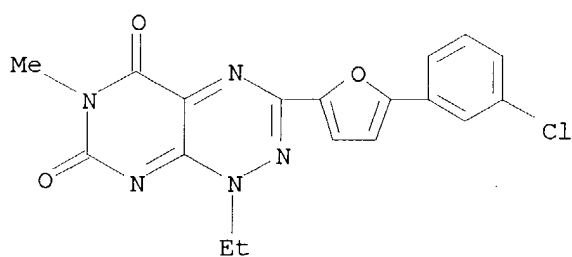
RN 647023-14-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



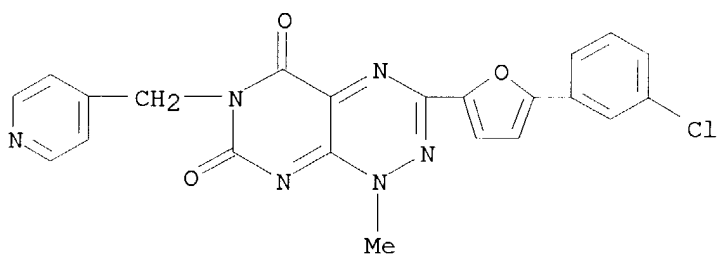
RN 647023-15-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)



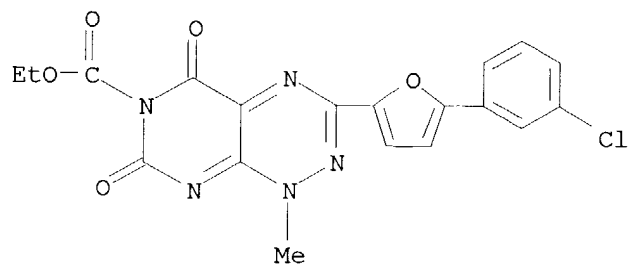
RN 647023-16-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-(4-pyridinylmethyl)- (9CI) (CA INDEX NAME)



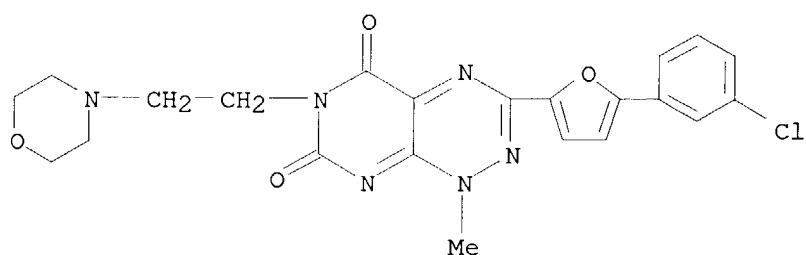
RN 647023-17-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-6(5H)-carboxylic acid, 3-[5-(3-chlorophenyl)-2-furanyl]-1,7-dihydro-1-methyl-5,7-dioxo-, ethyl ester (9CI) (CA INDEX NAME)



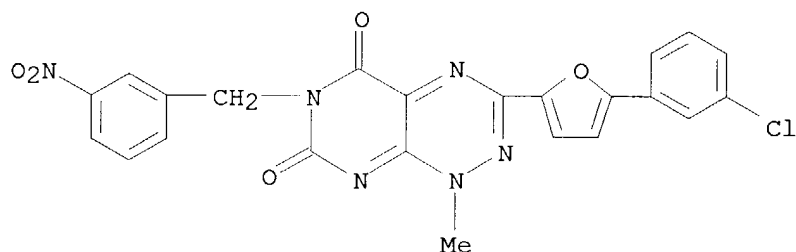
RN 647023-18-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)



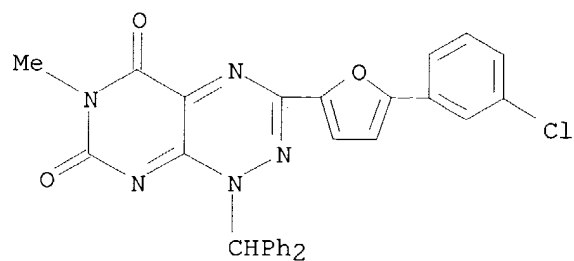
RN 647023-19-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-[(3-nitrophenyl)methyl]- (9CI) (CA INDEX NAME)



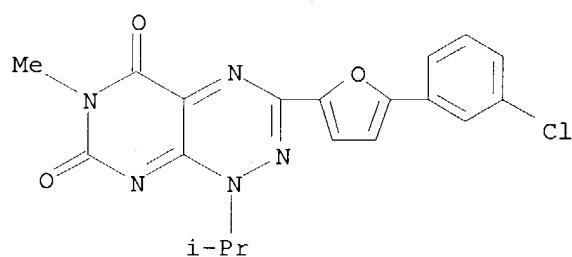
RN 647023-20-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(1-phenylethyl)- (9CI) (CA INDEX NAME)



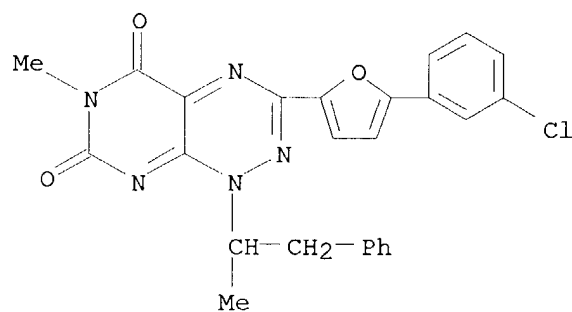
RN 647023-24-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 647023-25-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(1-methyl-2-phenylethyl)- (9CI) (CA INDEX NAME)

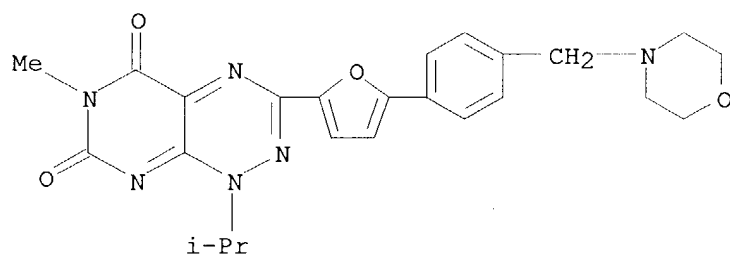


RN 647023-26-5 CAPLUS

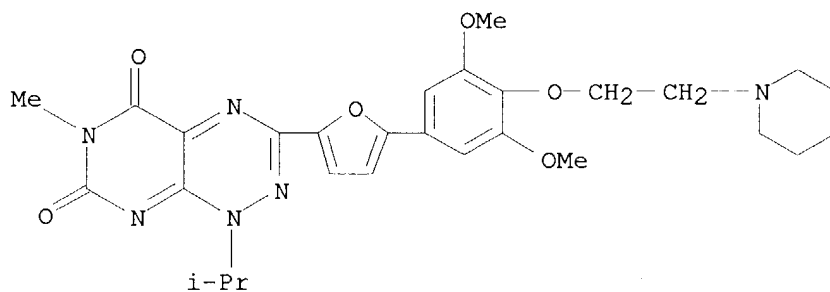
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(2-methyl-1-phenylpropyl)- (9CI) (CA INDEX NAME)

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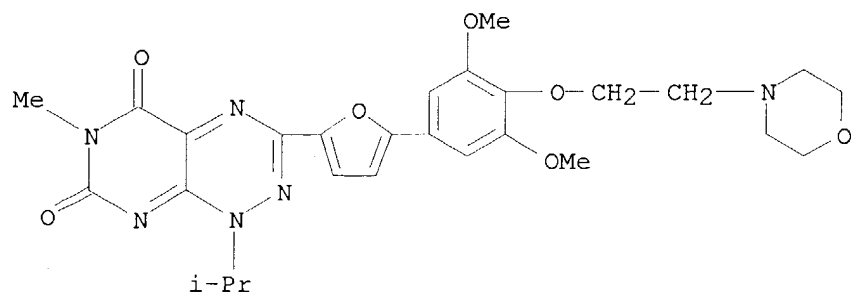
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[3,5-dimethoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI)
(CA INDEX NAME)

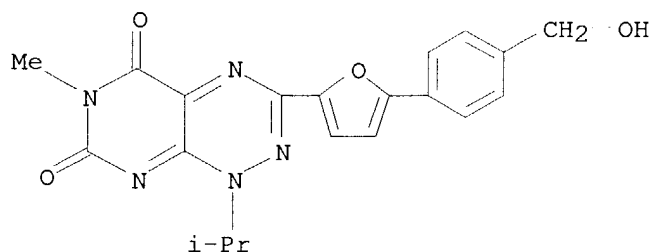


CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[3,5-dimethoxy-4-[2-(4-morpholinyl)ethoxy]phenyl]-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI)
(CA INDEX NAME)



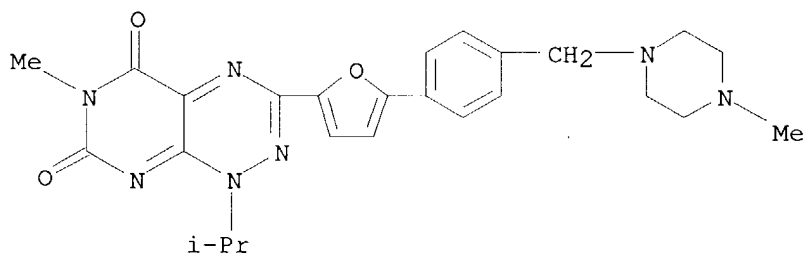
RN 647023-30-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



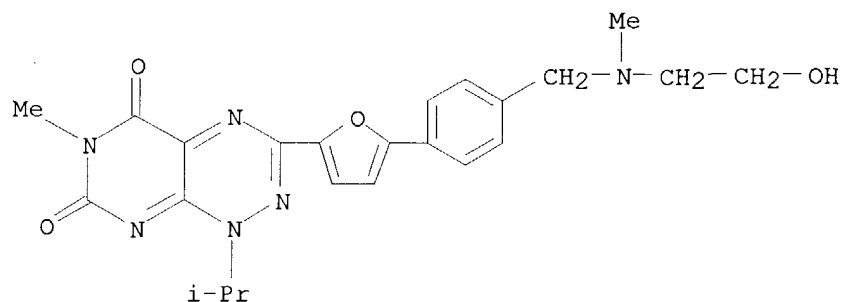
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



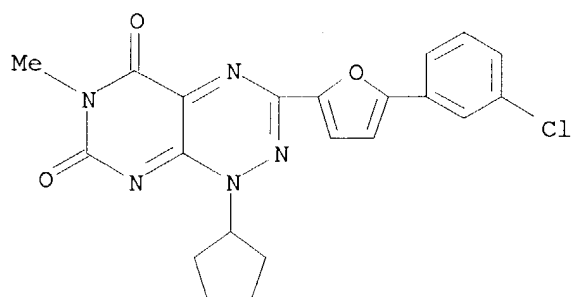
RN 647023-32-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-[(2-hydroxyethyl)methylamino]methyl]phenyl]-2-furanyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



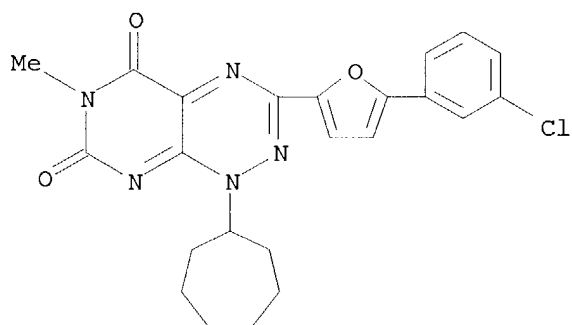
RN 647023-34-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)



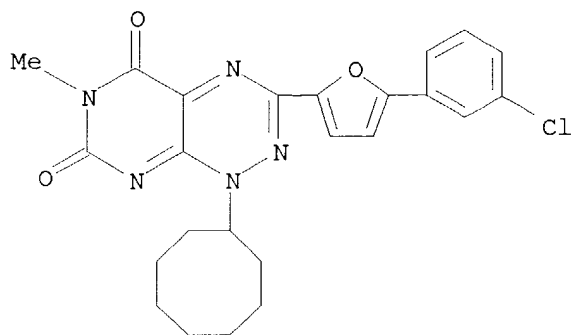
RN 647023-35-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cycloheptyl-6-methyl- (9CI) (CA INDEX NAME)



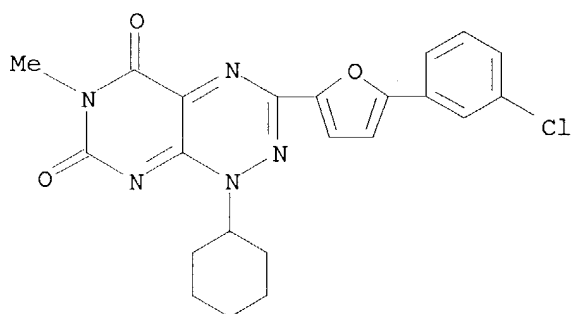
RN 647023-36-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cyclooctyl-6-methyl- (9CI) (CA INDEX NAME)



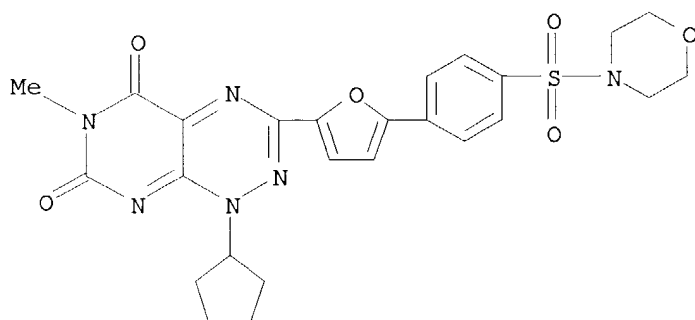
RN 647023-37-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-cyclohexyl-6-methyl- (9CI) (CA INDEX NAME)



RN 647023-38-9 CAPLUS

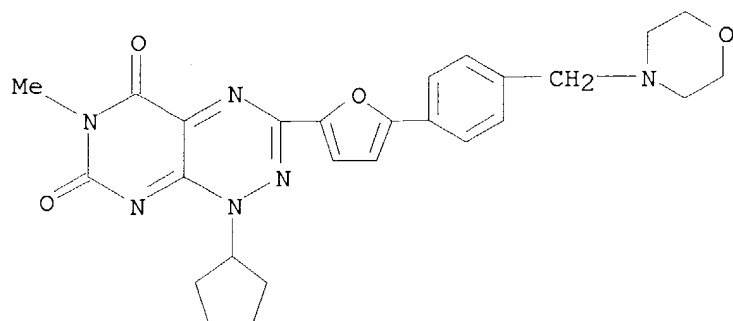
CN Morpholine, 4-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 647023-39-0 CAPLUS

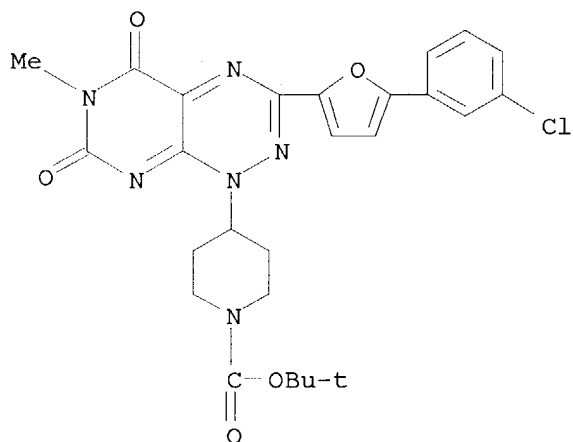
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)

10/760,509



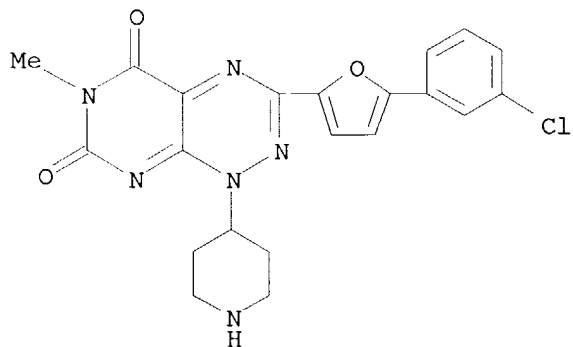
RN 647023-40-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647023-41-4 CAPLUS

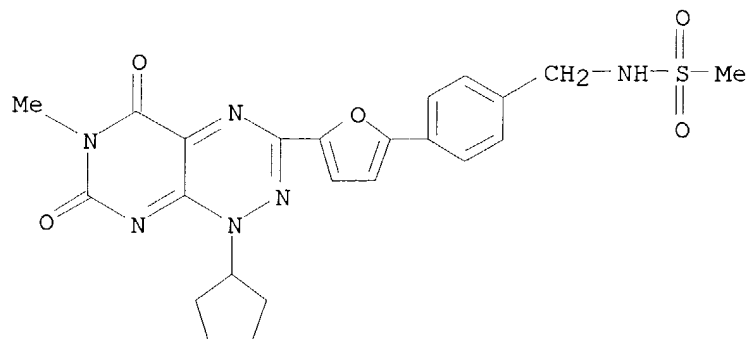
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(4-piperidiny)- (9CI) (CA INDEX NAME)



RN 647023-42-5 CAPLUS

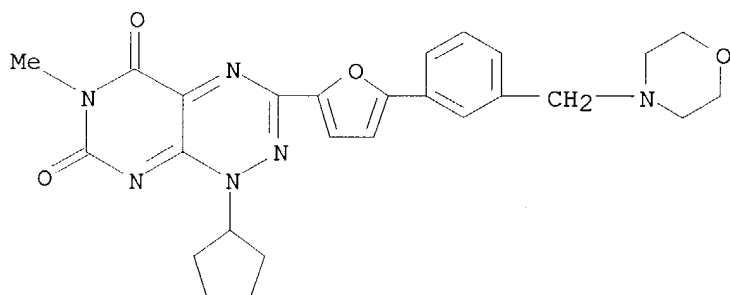
10/760,509

CN Methanesulfonamide, N-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-
(9CI) (CA INDEX NAME)



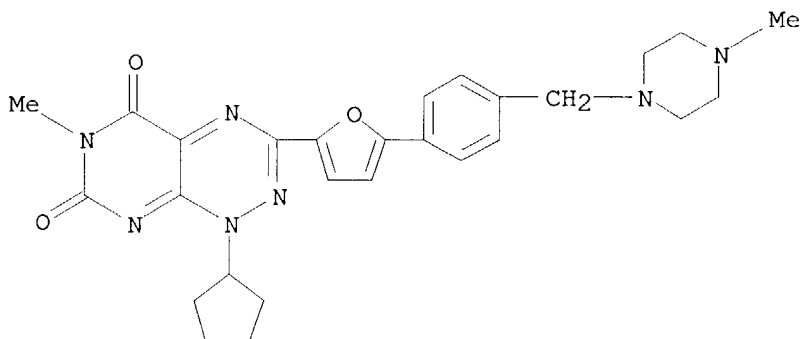
RN 647023-43-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[3-(4-morpholinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-44-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)

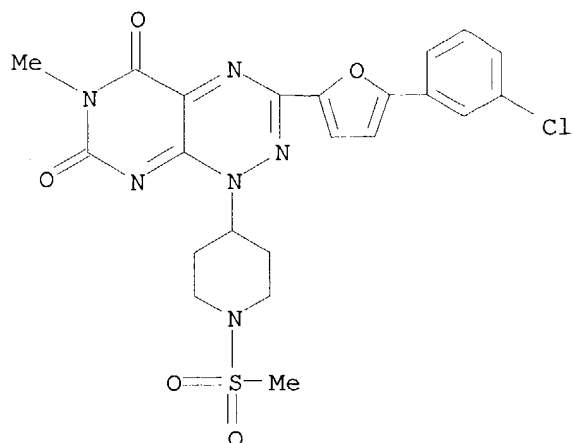


RN 647023-45-8 CAPLUS

CN Piperidine, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-

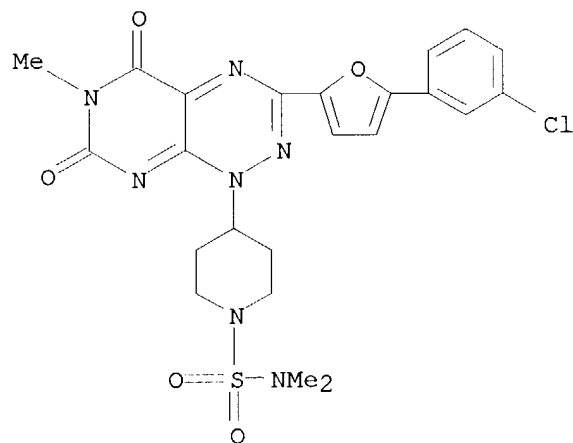
10/760,509

dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-1-(methylsulfonyl)- (9CI)
(CA INDEX NAME)



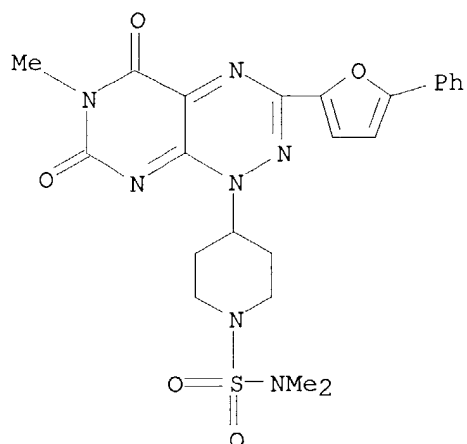
RN 647023-46-9 CAPLUS

CN 1-Piperidinesulfonamide, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



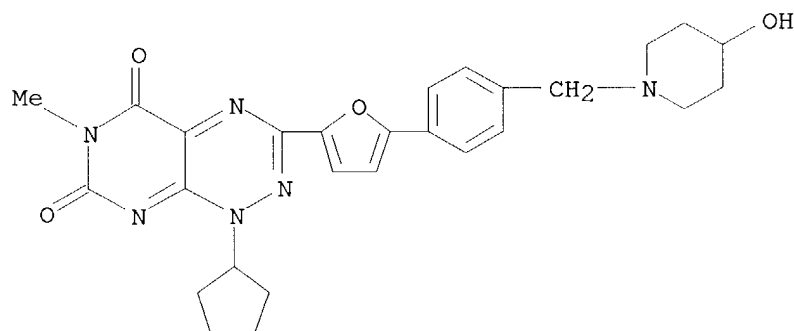
RN 647023-47-0 CAPLUS

CN 1-Piperidinesulfonamide, 4-[6,7-dihydro-6-methyl-5,7-dioxo-3-(5-phenyl-2-furanyl)pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



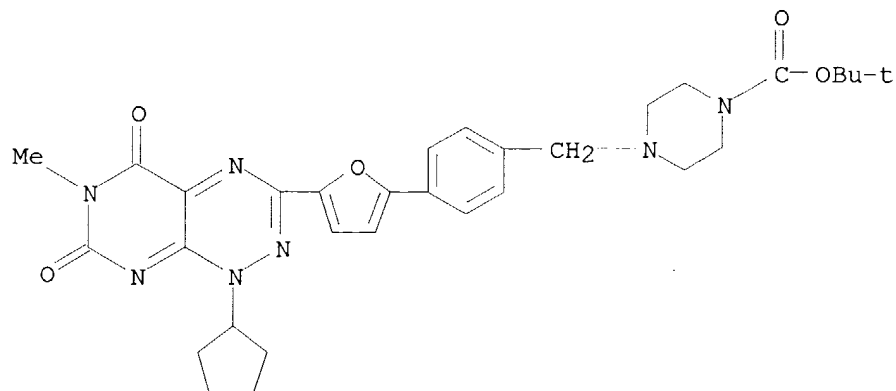
RN 647023-48-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[(4-hydroxy-1-piperidinyl)methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



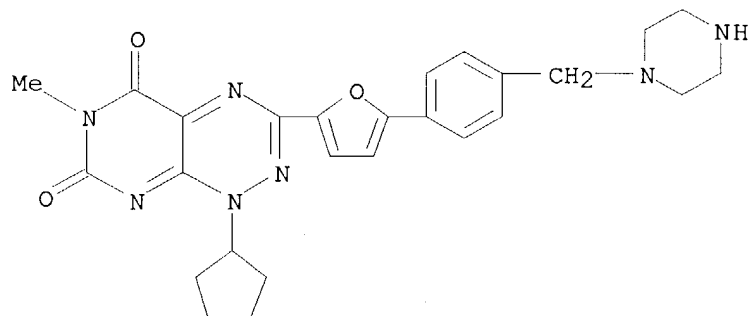
RN 647023-49-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



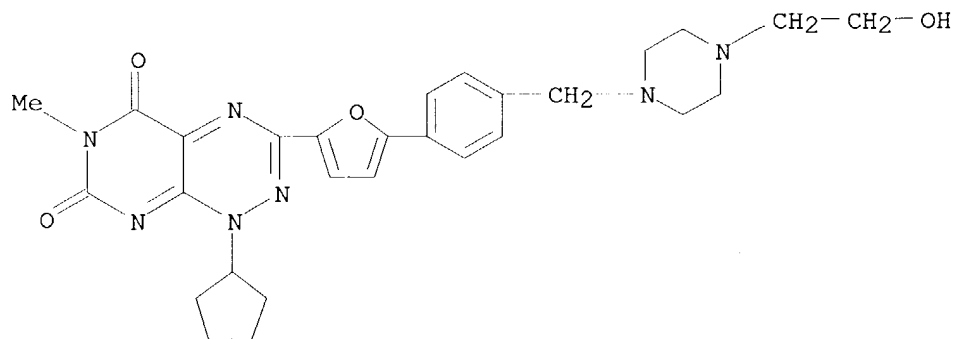
RN 647023-50-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(1-piperazinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-51-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)

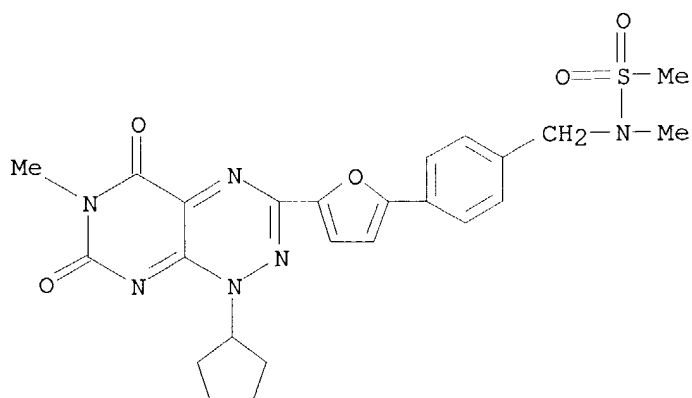


RN 647023-52-7 CAPLUS

CN Methanesulfonamide, N-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-N-

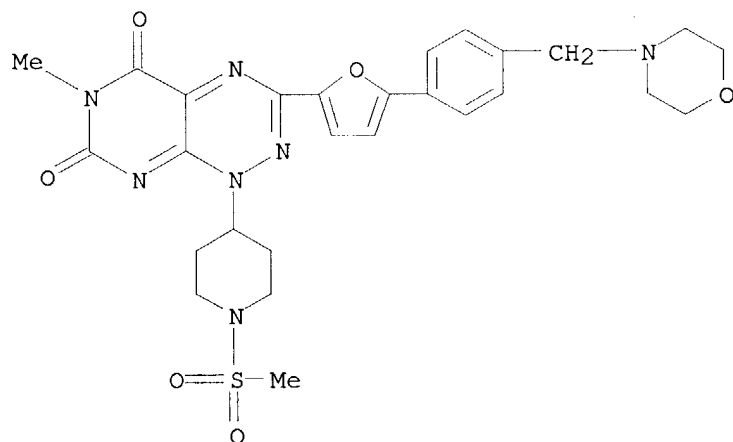
10/760,509

methyl- (9CI) (CA INDEX NAME)



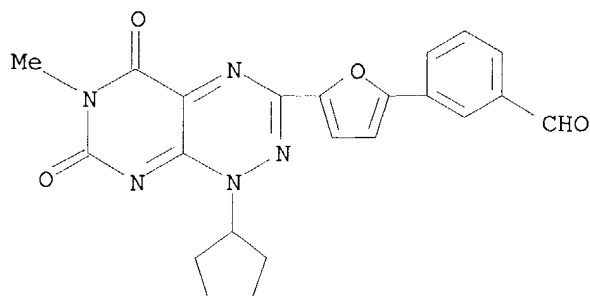
RN 647023-53-8 CAPLUS

CN Piperidine, 4-[6,7-dihydro-6-methyl-3-[5-[4-(4-morpholinylmethyl)phenyl]-2-furanyl]-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-1-(methylsulfonyl)- (9CI) (CA INDEX NAME)



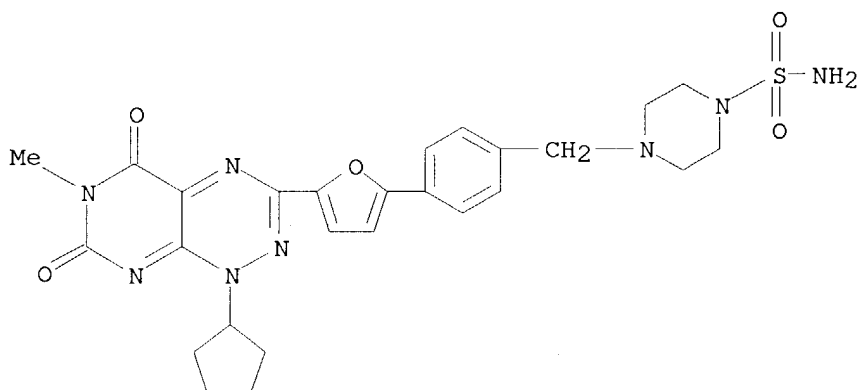
RN 647023-54-9 CAPLUS

CN Benzaldehyde, 3-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



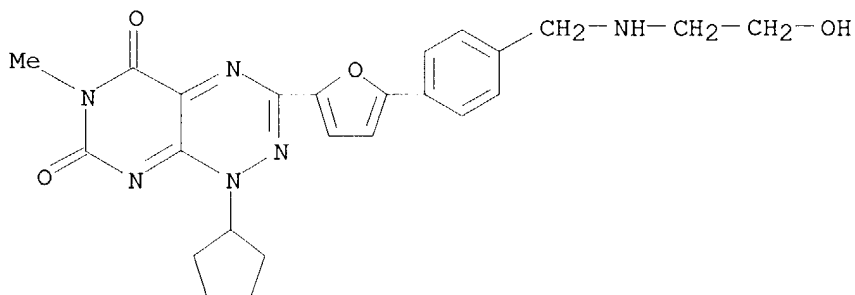
RN 647023-55-0 CAPLUS

CN 1-Piperazinesulfonamide, 4-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]- (9CI) (CA INDEX NAME)



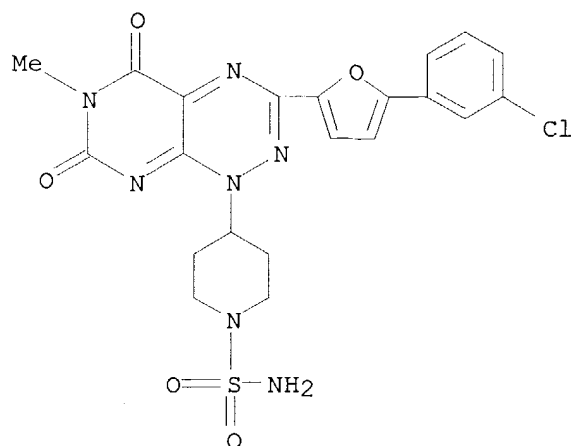
RN 647023-56-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[[2-(hydroxyethyl)amino]methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



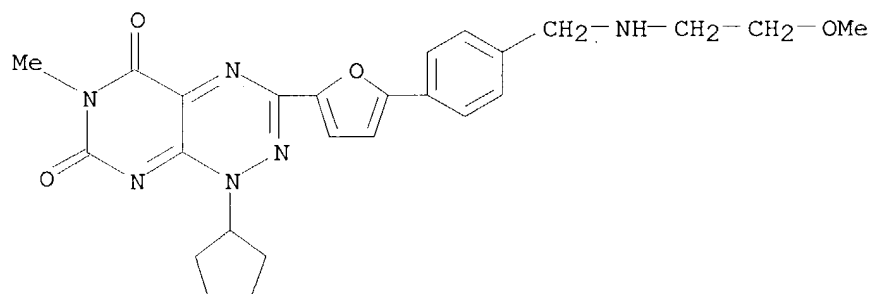
RN 647023-57-2 CAPLUS

CN 1-Piperidinesulfonamide, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]- (9CI) (CA INDEX NAME)



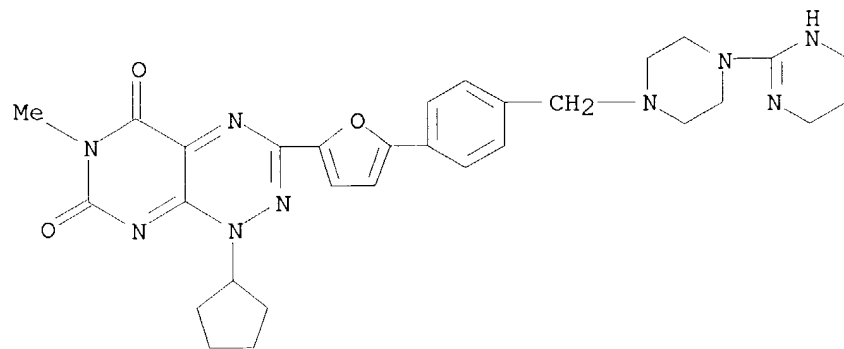
RN 647023-58-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-
 [(2-methoxyethyl)amino]methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA
 INDEX NAME)



RN 647023-59-4 CAPLUS

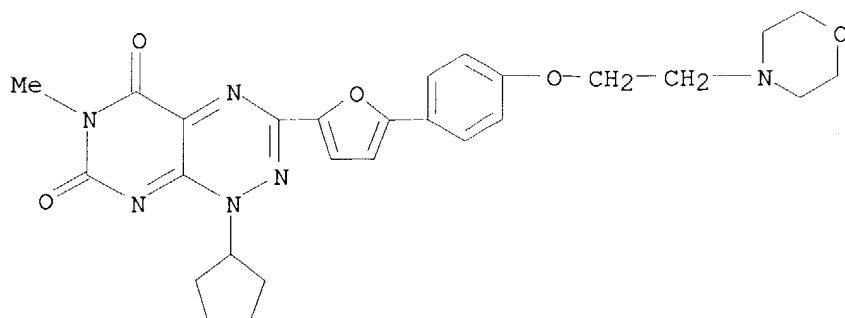
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-
 [5-[4-[[4-(1,4,5,6-tetrahydro-2-pyrimidinyl)-1-piperazinyl]methyl]phenyl]-
 2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-60-7 CAPLUS

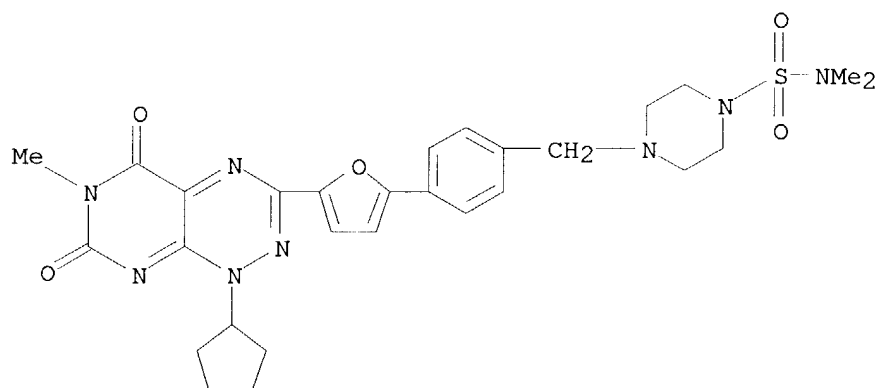
10/760,509

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[2-(4-morpholinyl)ethoxy]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



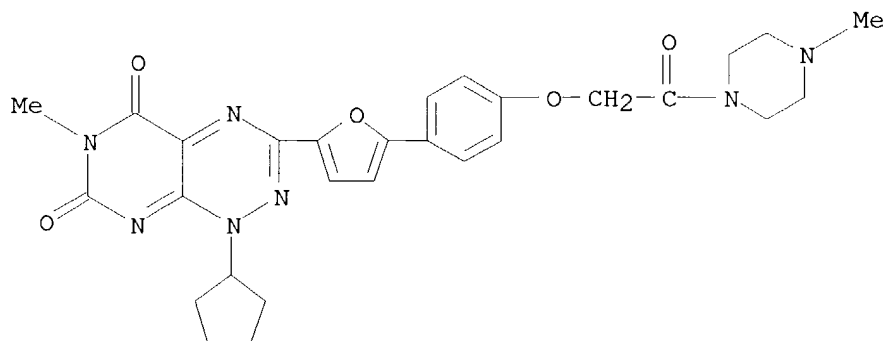
RN 647023-61-8 CAPLUS

CN 1-Piperazinesulfonamide, 4-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 647023-62-9 CAPLUS

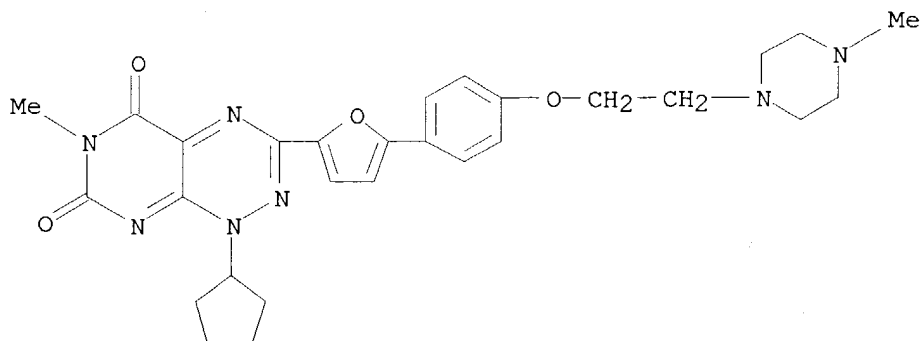
CN Piperazine, 1-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]acetyl]-4-methyl- (9CI) (CA INDEX NAME)



10/760,509

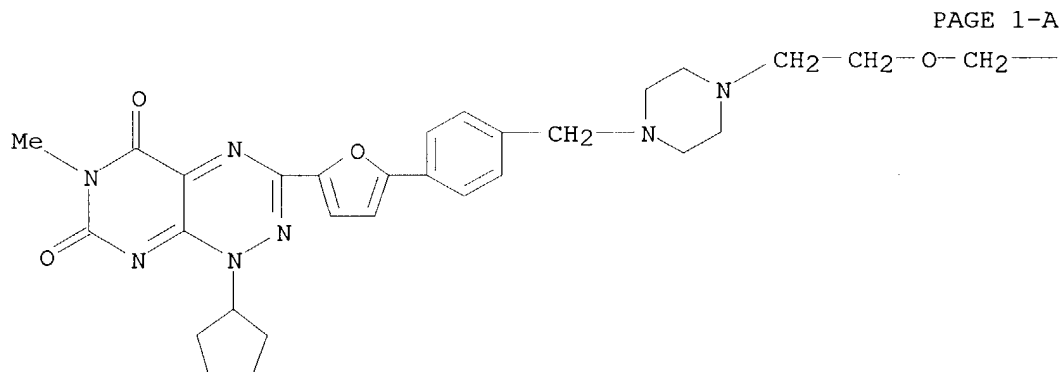
RN 647023-63-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-64-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[4-[2-(2-hydroxyethoxy)ethyl]-1-piperazinyl]methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



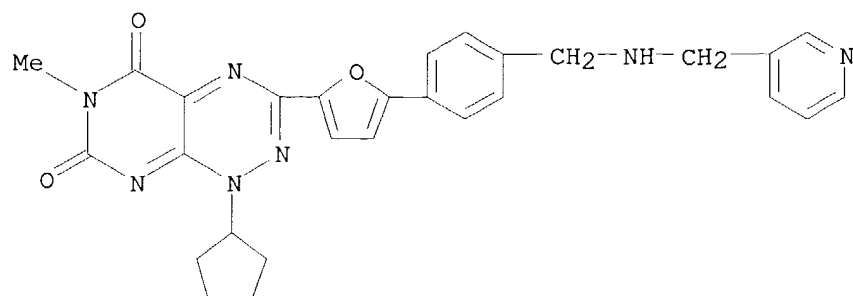
PAGE 1-A

PAGE 1-B

—CH₂—OH

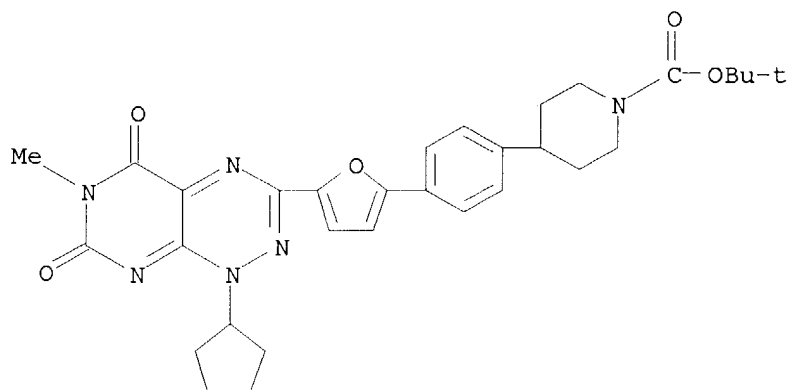
RN 647023-65-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-[(3-pyridinylmethyl)amino]methyl]phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



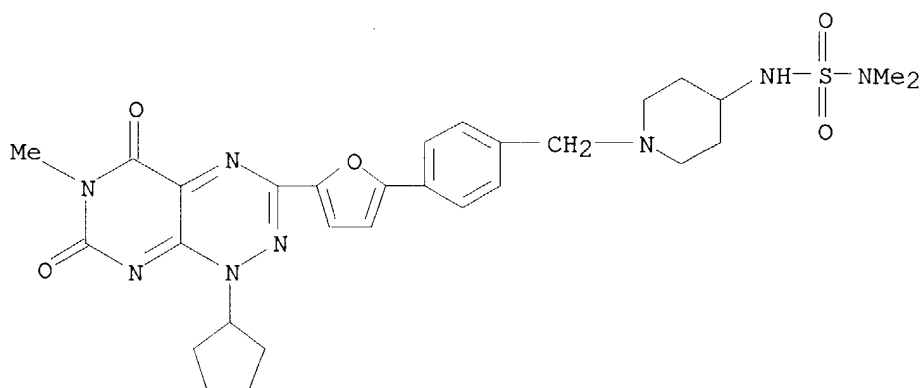
RN 647023-66-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 647023-67-4 CAPLUS

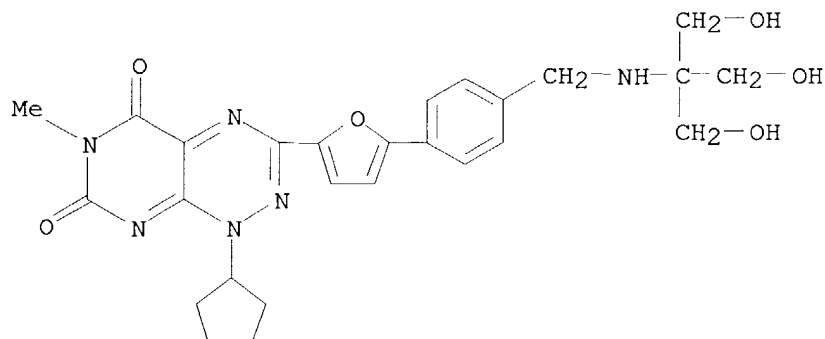
CN Sulfamide, N'-[1-[[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-4-piperidinyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 647023-68-5 CAPLUS

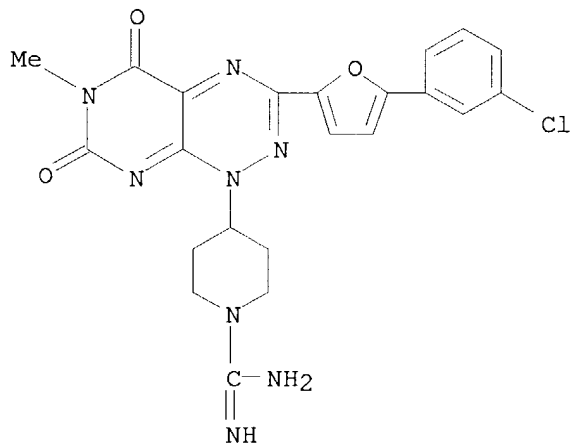
10/760,509

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-
[[[2-hydroxy-1,1-bis(hydroxymethyl)ethyl]amino]methyl]phenyl]-2-furanyl]-6-
methyl- (9CI) (CA INDEX NAME)



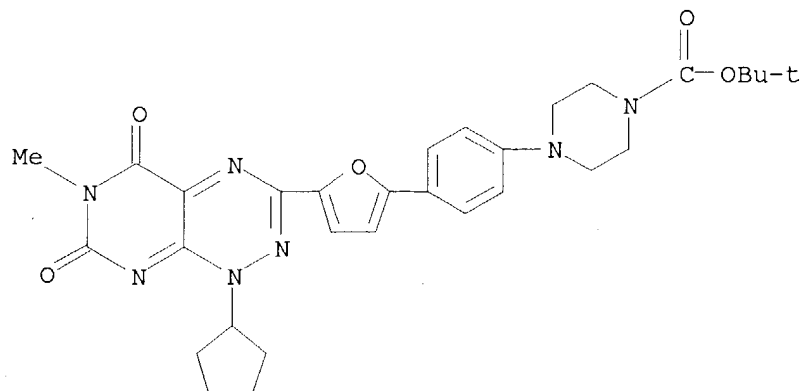
RN 647023-69-6 CAPLUS

CN 1-Piperidinecarboximidamide, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-6,7-dihydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]- (9CI)
(CA INDEX NAME)



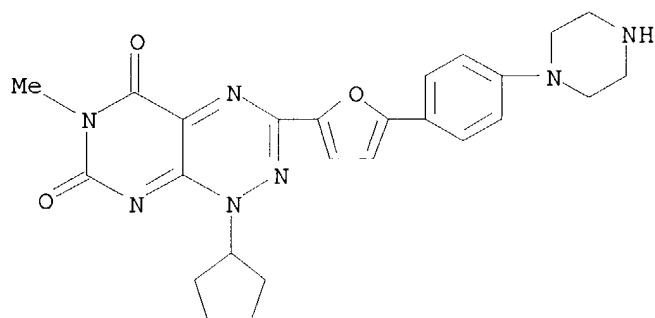
RN 647023-70-9 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-[5-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



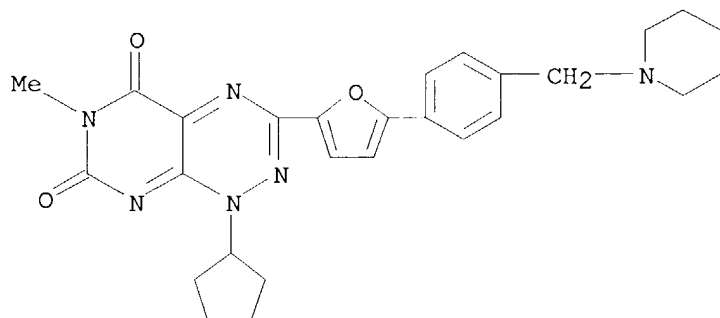
RN 647023-71-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(1-piperazinyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-72-1 CAPLUS

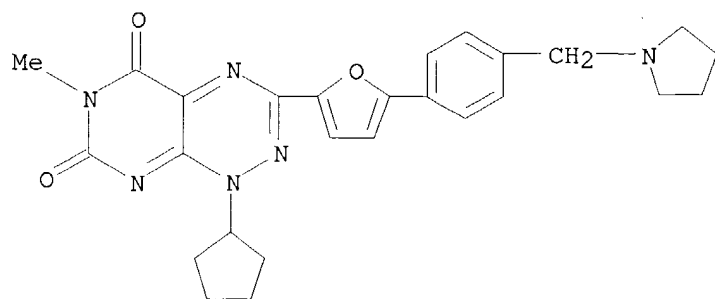
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(1-piperidinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647023-73-2 CAPLUS

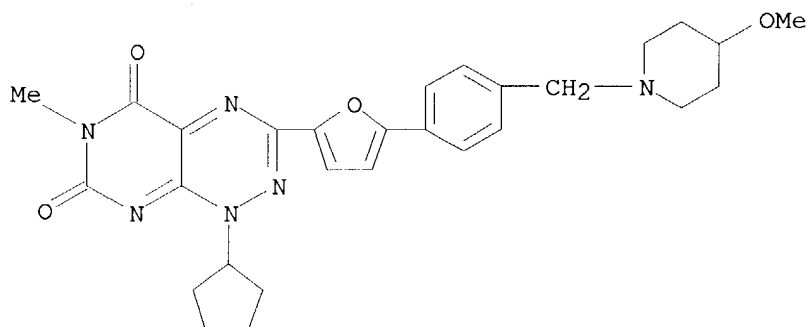
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[5-[4-(1-pyrrolidinylmethyl)phenyl]-2-furanyl]- (9CI) (CA INDEX NAME)

10/760,509



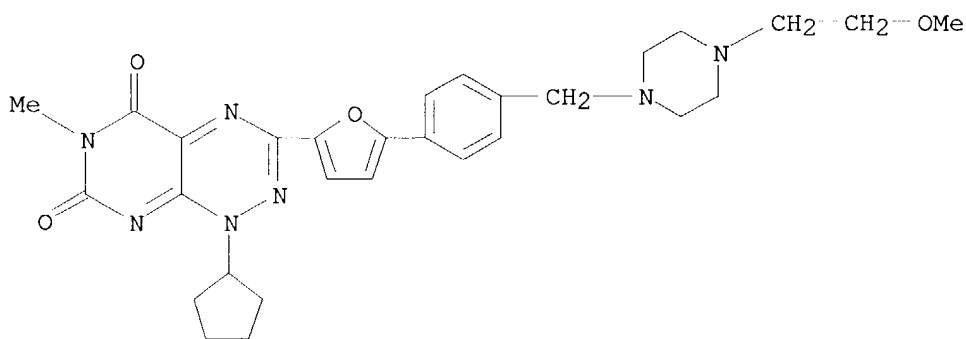
RN 647023-74-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[(4-methoxy-1-piperidinyl)methyl]phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



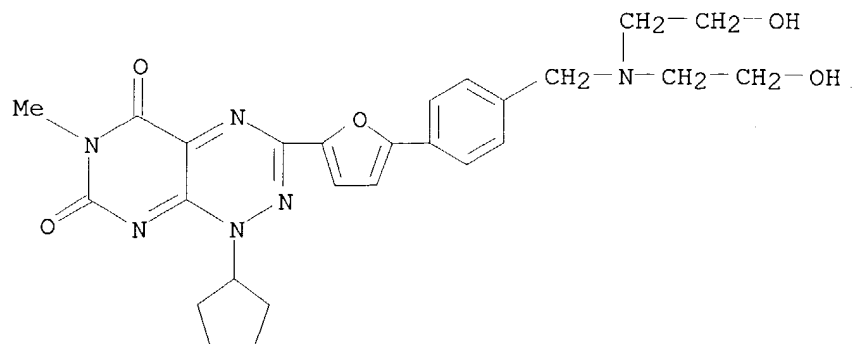
RN 647023-75-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[4-[(2-methoxyethyl)-1-piperazinyl]methyl]phenyl]-2-furanyl-6-methyl- (9CI) (CA INDEX NAME)



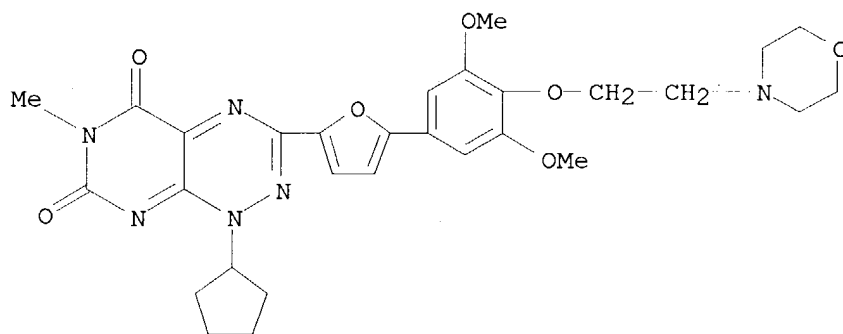
RN 647023-76-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-[[bis(2-hydroxyethyl)amino]methyl]phenyl]-2-furanyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)



RN 647023-77-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[5-[3,5-dimethoxy-4-[2-(4-morpholinyl)ethoxy]phenyl]-2-furanyl]-6-methyl- (9CI)
(CA INDEX NAME)



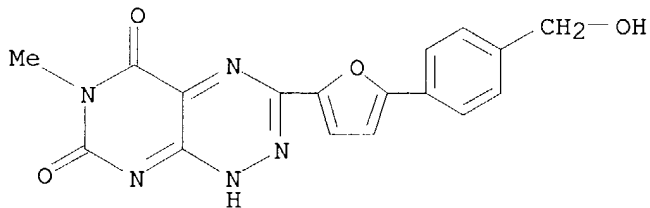
IT 647024-20-2P 647024-21-3P 647024-22-4P
647024-23-5P 647024-24-6P 647024-25-7P
647024-26-8P 647024-27-9P 647024-28-0P
647024-29-1P 647024-30-4P 647024-31-5P
647024-32-6P 647024-33-7P 647024-34-8P
647024-37-1P 647024-38-2P 647024-39-3P
647024-40-6P 647024-41-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation of 3-furanyl analogs of toxoflavin as kinase inhibitors)

RN 647024-20-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-6-methyl- (9CI) (CA INDEX NAME)



RN 647024-21-3 CAPLUS

CN1C(=O)N(C)C(=O)N2C(=O)N(C3C=CC(OC4=CC=C(C=C4)COC5NCCN5)C=C3)C(=O)N2C1=O

RN 647024-22-4 CAPLUS

CN1C=NC2=C1C(=O)N(C)C(=O)N2C3=CC=C(C=C3)C4=CC=CC=C4CCNS(=O)(=O)C

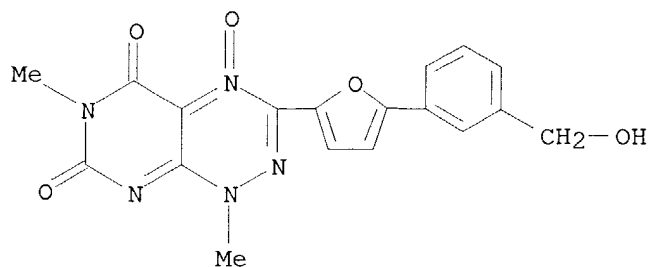
RN 647024-23-5 CAPLUS

CN1C=NC2=C1C(=O)N(C)C(=O)N2C3=CC=C(C=C3)Oc4ccoc4-c5ccc(cc5)S(=O)(=O)N6CCOCC6

RN 647024-24-6 CAPLUS

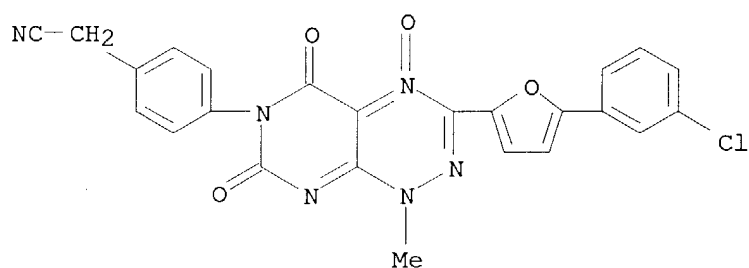
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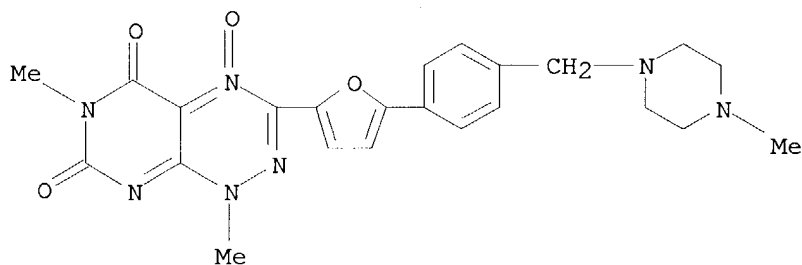
RN 647024-25-7 CAPLUS

CN Benzeneacetonitrile, 4-[3-[5-(3-chlorophenyl)-2-furanyl]-1,7-dihydro-1-methyl-4-oxido-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]- (9CI)
(CA INDEX NAME)



RN 647024-26-8 CAPLUS

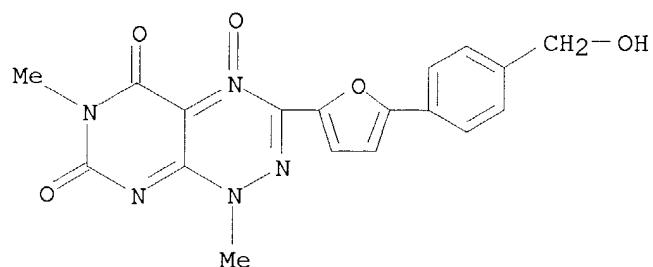
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[5-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]-2-furanyl]-, 4-oxide (9CI) (CA INDEX NAME)



RN 647024-27-9 CAPLUS

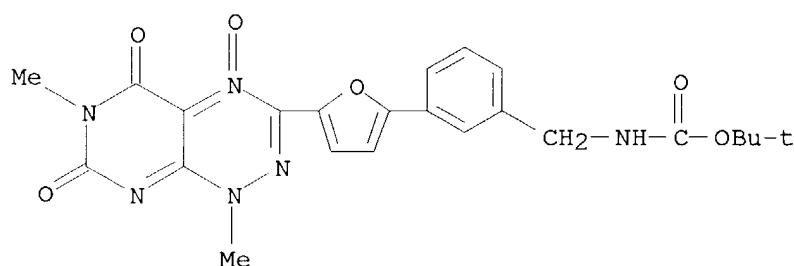
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

10/760,509



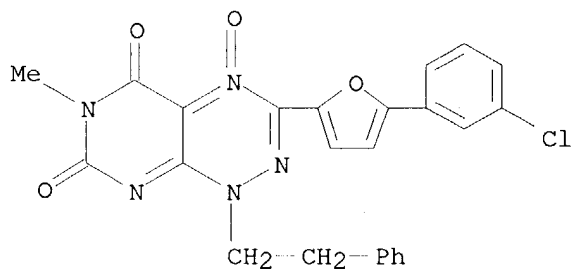
RN 647024-28-0 CAPLUS

CN Carbamic acid, [[3-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



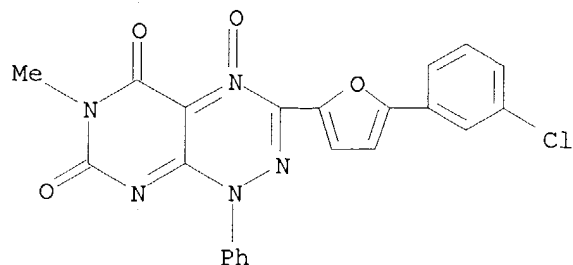
RN 647024-29-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-(2-phenylethyl)-, 4-oxide (9CI) (CA INDEX NAME)



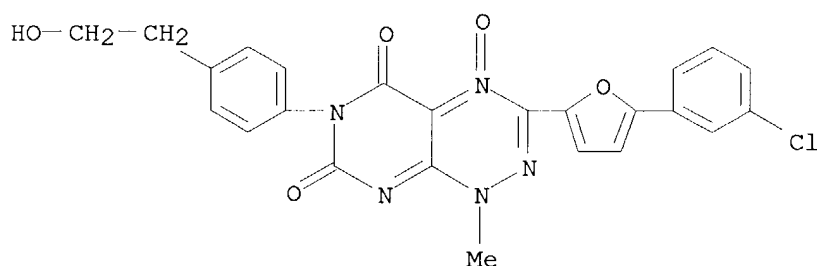
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-methyl-1-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



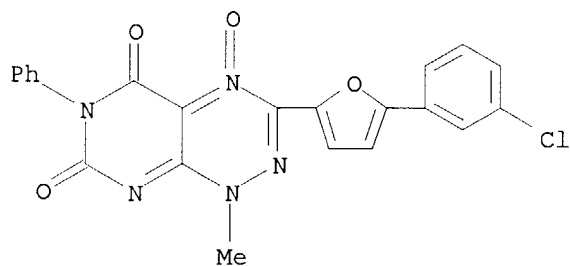
RN 647024-31-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-[4-(2-hydroxyethyl)phenyl]-1-methyl-, 4-oxide (9CI) (CA INDEX NAME)



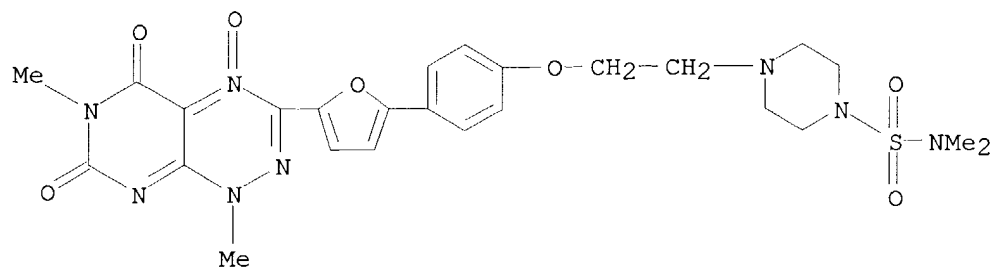
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



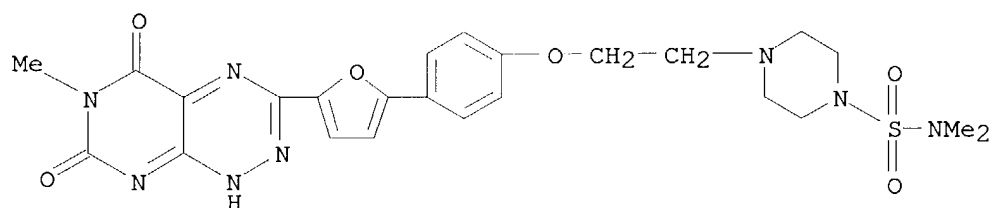
RN 647024-33-7 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



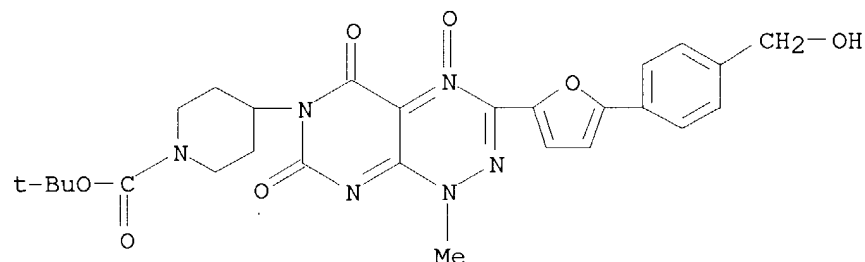
RN 647024-34-8 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[5-(1,5,6,7-tetrahydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



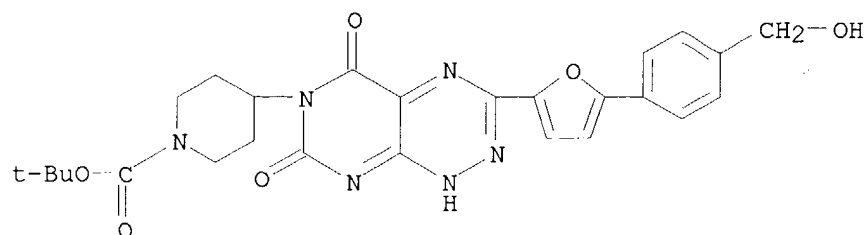
RN 647024-37-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1,7-dihydro-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-1-methyl-4-oxido-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



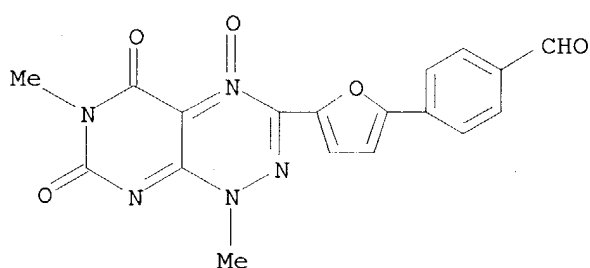
RN 647024-38-2 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1,7-dihydro-3-[5-[4-(hydroxymethyl)phenyl]-2-furanyl]-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



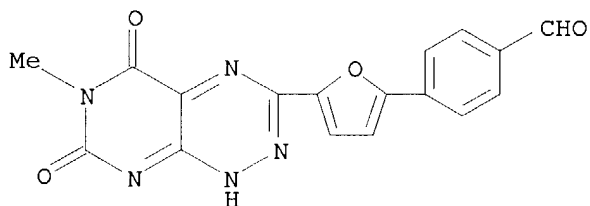
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CN Benzaldehyde, 4-[5-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



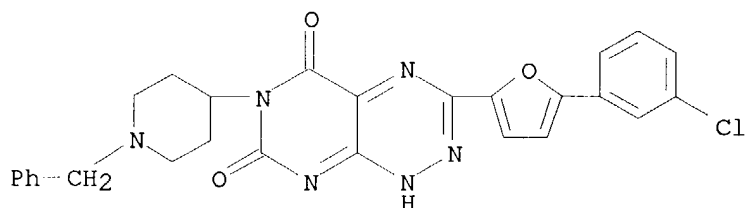
RN 647024-40-6 CAPLUS

CN Benzaldehyde, 4-[5-(1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)-2-furanyl]- (9CI) (CA INDEX NAME)



RN 647024-41-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[5-(3-chlorophenyl)-2-furanyl]-6-[1-(phenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



RE.CNT 3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

10/760,509

L5 ANSWER 6 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:60511 CAPLUS
DN 140:111194
TI Preparation of 3-phenyl analogs of toxoflavine as kinase inhibitors
IN Lacrampe, Jean Fernand Armand; Connors, Richard William; Ho, Chih Yung;
Richardson, Alan; Freyne, Eddy Jean Edgard; Buijnsters, Peter Jacobus
Johannes; Bakker, Annette Cornelia
PA Janssen Pharmaceutica N.V., Belg.
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004007498	A2	20040122	WO 2003-EP50292	20030708
	WO 2004007498	A3	20040708		
	WO 2004007498	C2	20040812		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,
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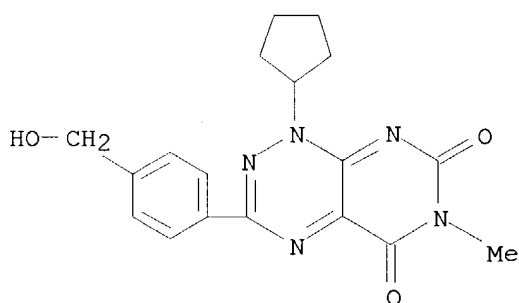
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646070-57-7P 646070-58-8P 646070-59-9P
646070-60-2P 646070-66-8P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
preparation); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

RN 646070-43-1 CAPLUS

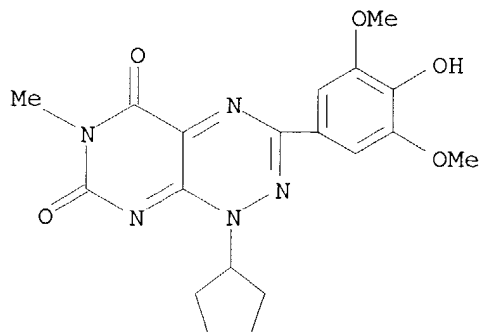
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[4-
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RN 646070-45-3 CAPLUS

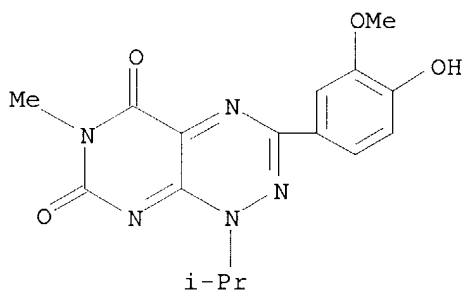
10/760,509

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-(4-hydroxy-3,5-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



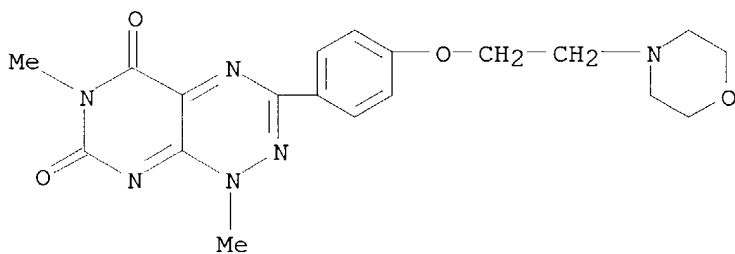
RN 646070-48-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-hydroxy-3-methoxyphenyl)-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



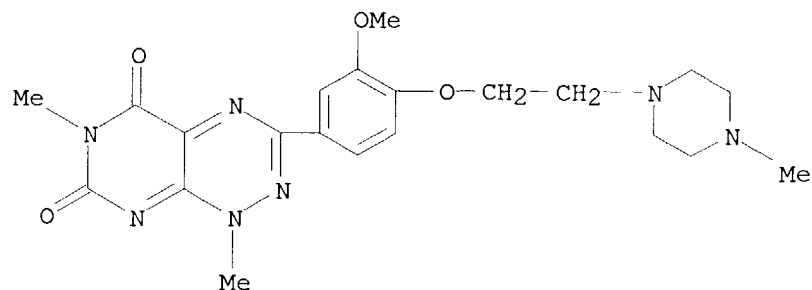
RN 646070-50-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



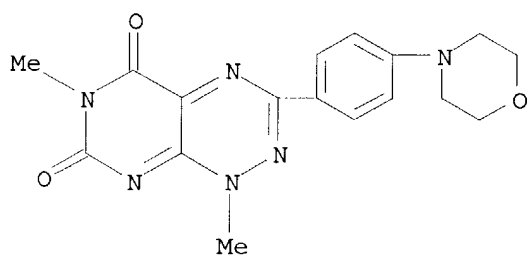
RN 646070-52-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



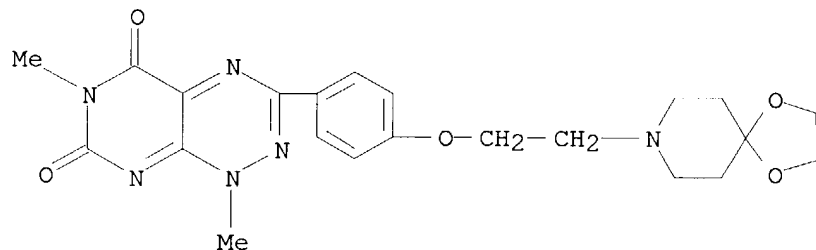
RN 646070-56-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 646070-57-7 CAPLUS

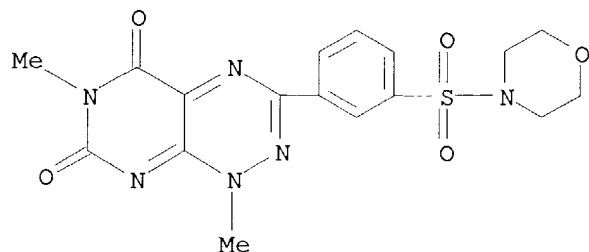
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[2-(1,4-dioxo-8-azaspiro[4.5]dec-8-yl)ethoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 646070-58-8 CAPLUS

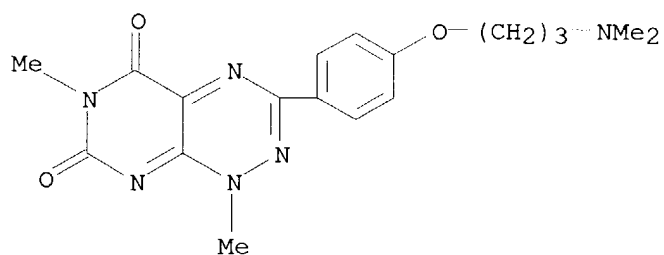
CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-1,6-dimethyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

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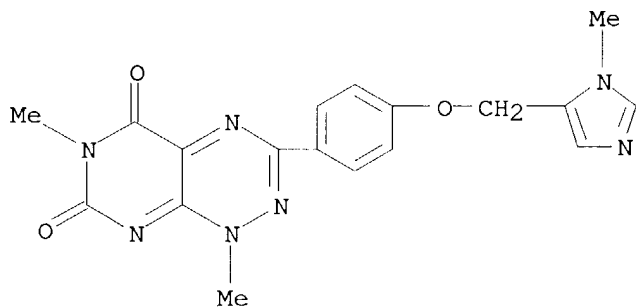
RN 646070-59-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



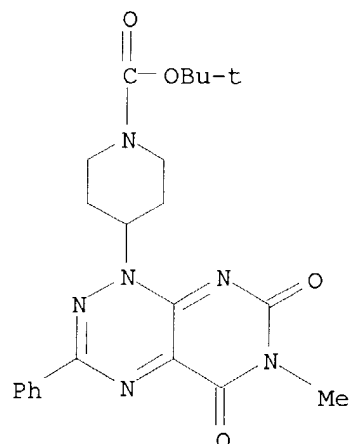
RN 646070-60-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646070-66-8 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(6,7-dihydro-6-methyl-5,7-dioxo-3-phenylpyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



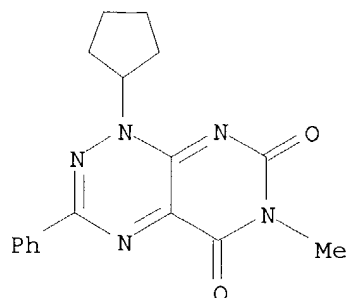
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

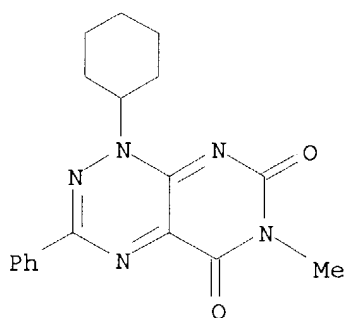
(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

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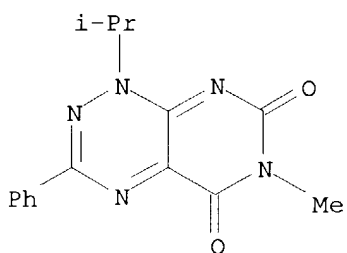
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-
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RN 164520-15-4 CAPLUS
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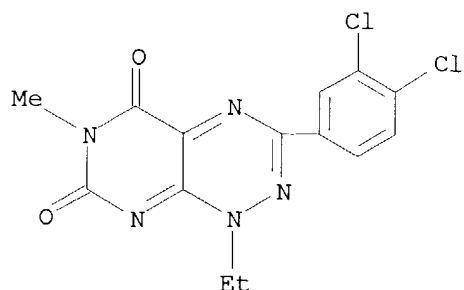


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 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



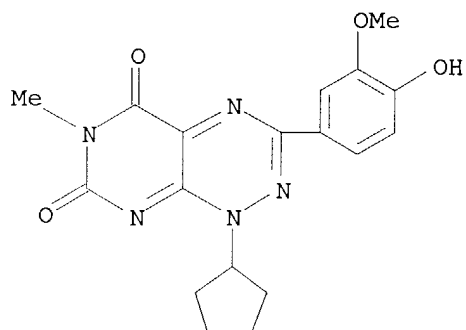
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 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)

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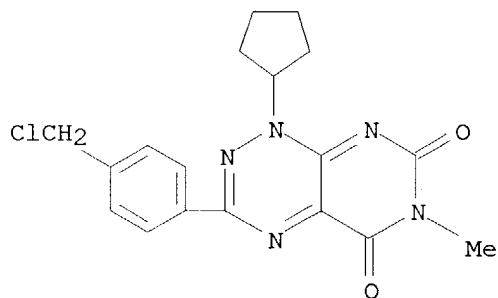
RN 646070-42-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-(4-hydroxy-3-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



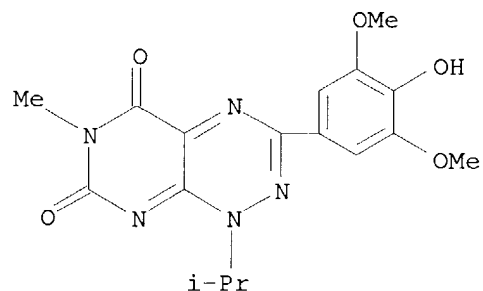
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(chloromethyl)phenyl]-1-cyclopentyl-6-methyl- (9CI) (CA INDEX NAME)



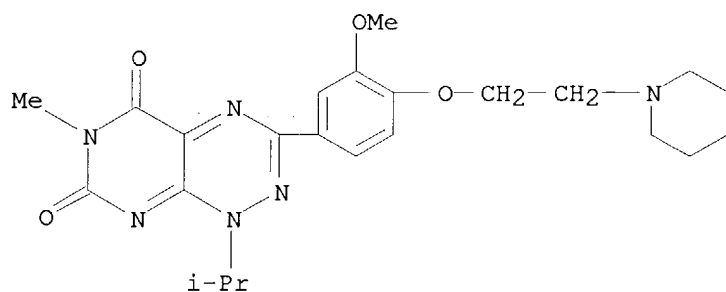
RN 646070-47-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-hydroxy-3,5-dimethoxyphenyl)-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



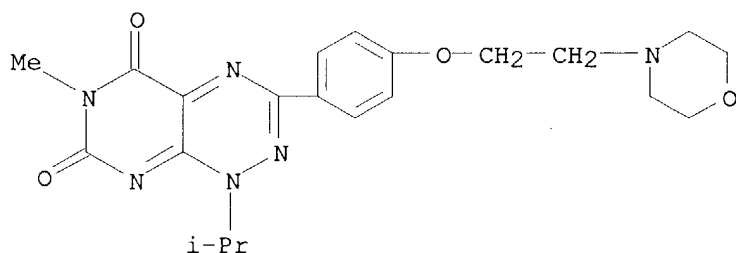
RN 646070-49-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



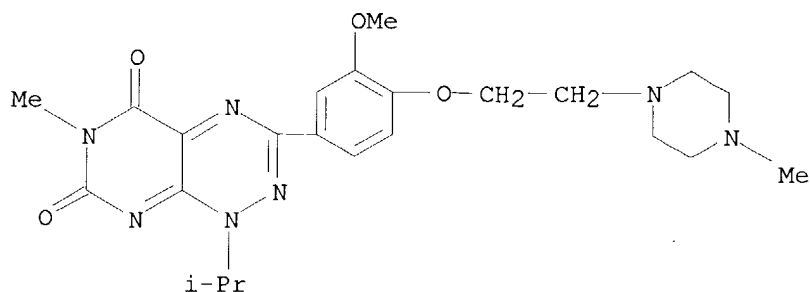
RN 646070-51-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



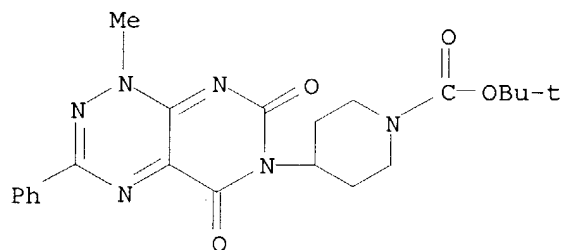
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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



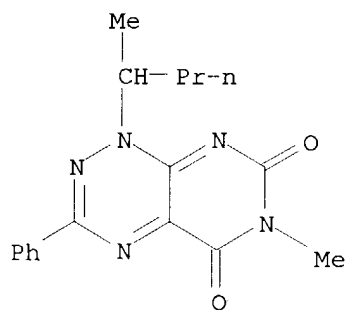
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CN 1-Piperidinecarboxylic acid, 4-(1,7-dihydro-1-methyl-5,7-dioxo-3-phenylpyrimido[5,4-e]-1,2,4-triazin-6(5H)-yl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



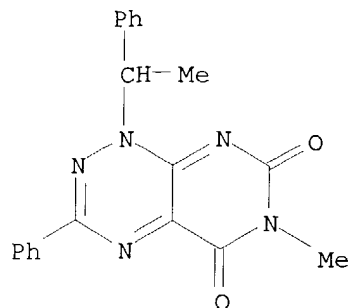
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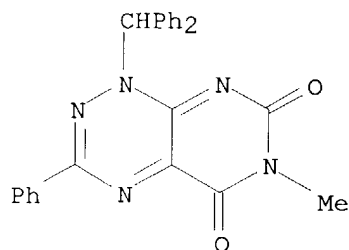


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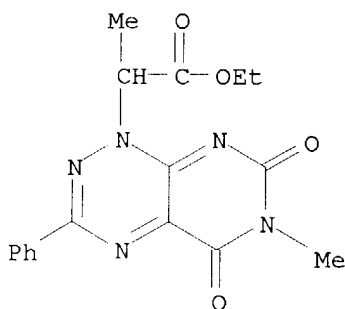
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-(1-phenylethyl)- (9CI) (CA INDEX NAME)



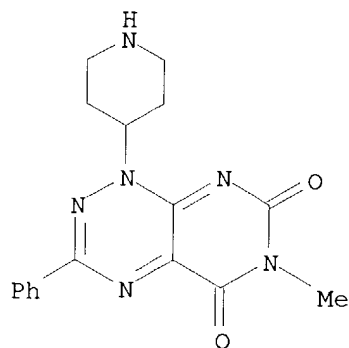
RN 646070-63-5 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(diphenylmethyl)-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 646070-65-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-1(5H)-acetic acid, 6,7-dihydro- α ,6-dimethyl-5,7-dioxo-3-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

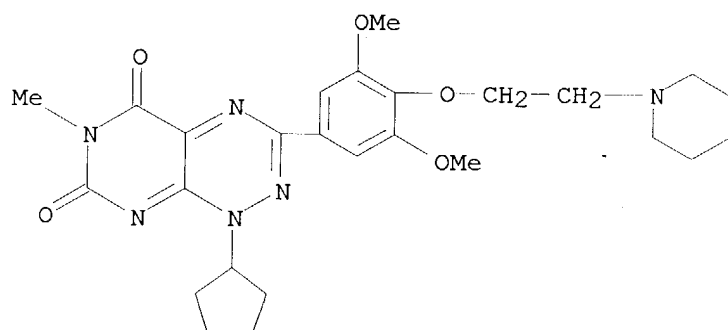


RN 646070-67-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-(4-piperidinyl)- (9CI) (CA INDEX NAME)



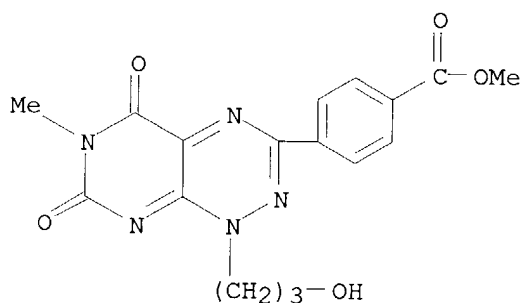
RN 646070-68-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[3,5-dimethoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)



RN 646070-69-1 CAPLUS

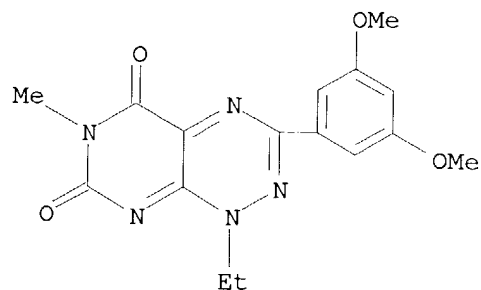
CN Benzoic acid, 4-[1,5,6,7-tetrahydro-1-(3-hydroxypropyl)-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



RN 646070-70-4 CAPLUS

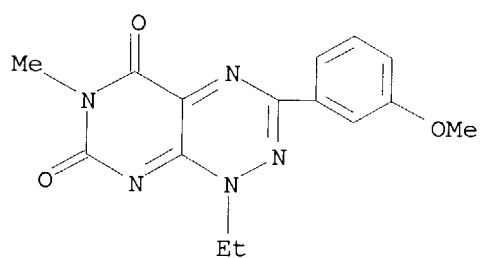
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,5-dimethoxyphenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)

10/760,509



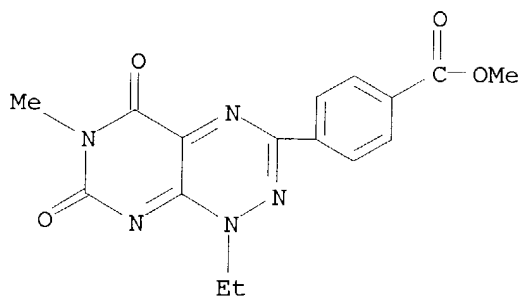
RN 646070-71-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-(3-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



RN 646070-72-6 CAPLUS

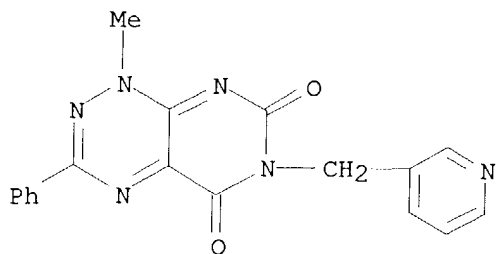
CN Benzoic acid, 4-(1-ethyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl)-, methyl ester (9CI) (CA INDEX NAME)



RN 646070-74-8 CAPLUS

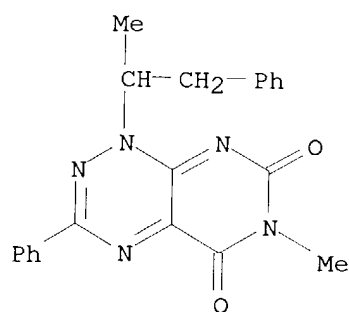
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-phenyl-6-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

10/760,509



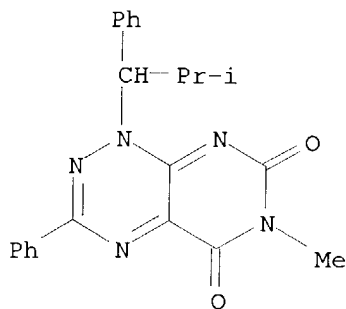
RN 646070-75-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methyl-2-phenylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



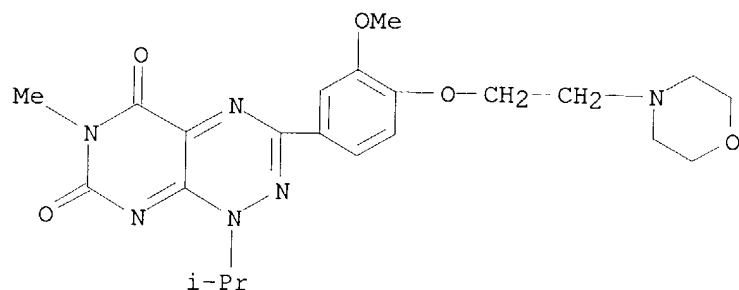
RN 646070-76-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(2-methyl-1-phenylpropyl)-3-phenyl- (9CI) (CA INDEX NAME)



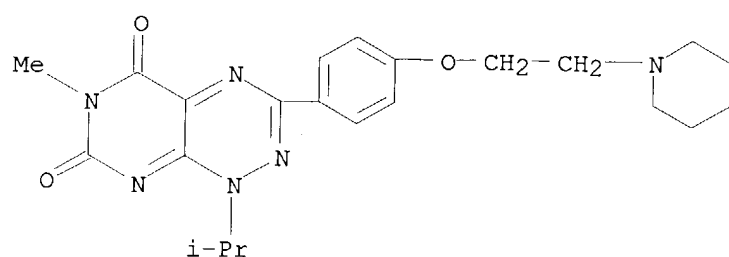
RN 646070-77-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-morpholinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



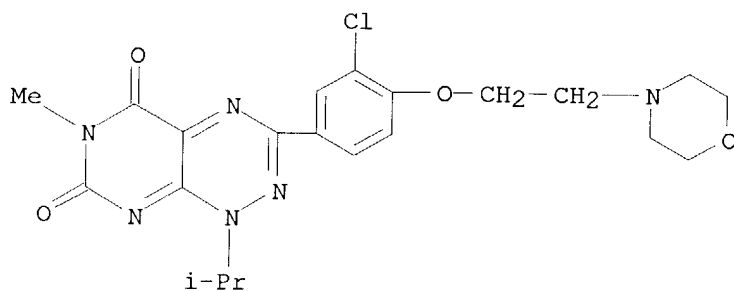
RN 646070-78-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



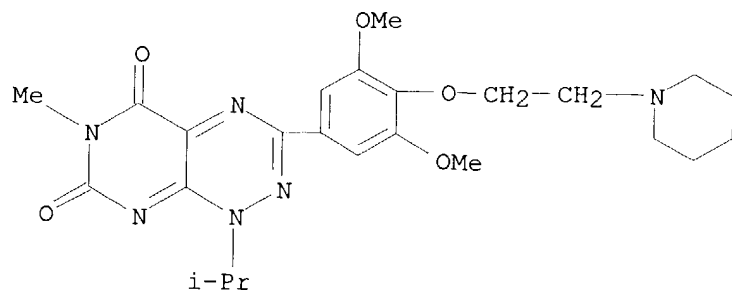
RN 646070-79-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(4-morpholinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



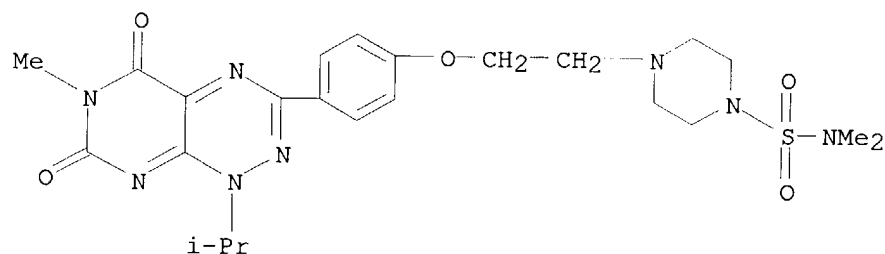
RN 646070-80-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3,5-dimethoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



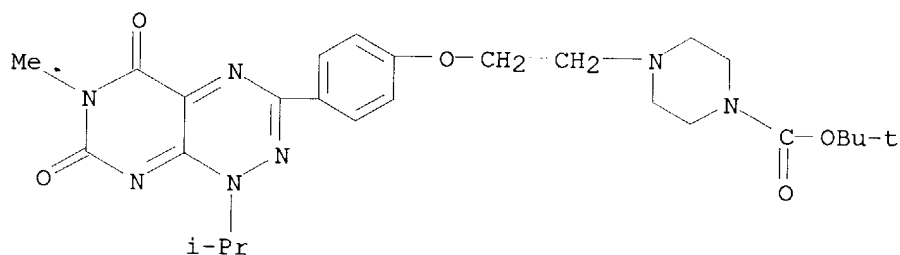
RN 646070-81-7 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)



RN 646070-82-8 CAPLUS

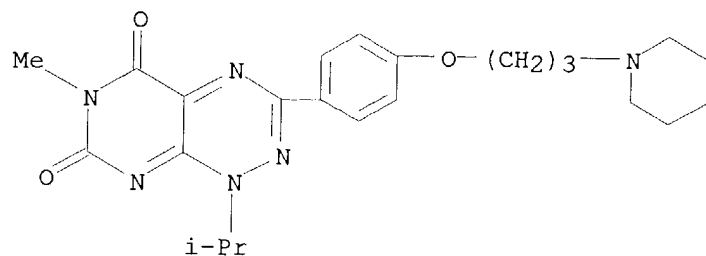
CN 1-Piperazinecarboxylic acid, 4-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 646070-83-9 CAPLUS

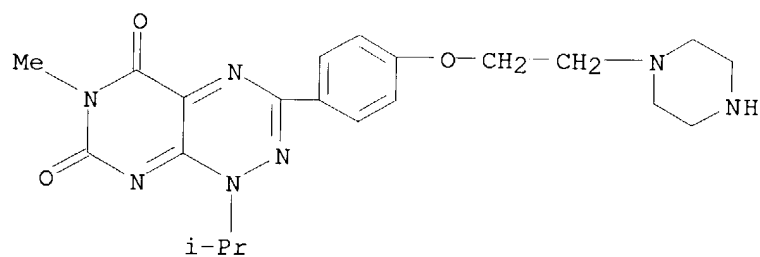
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(1-piperidinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)

10/760,509



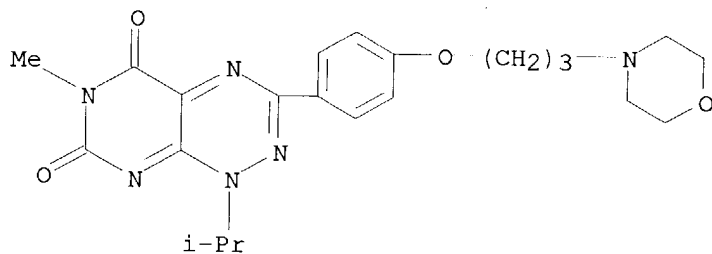
RN 646070-84-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperazinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



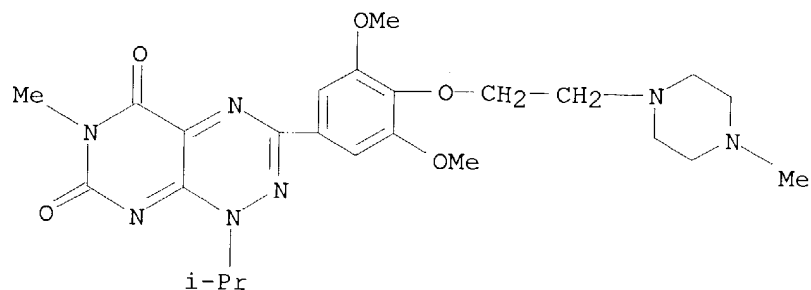
RN 646070-85-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(4-morpholinyl)propoxy]phenyl]- (9CI) (CA INDEX NAME)



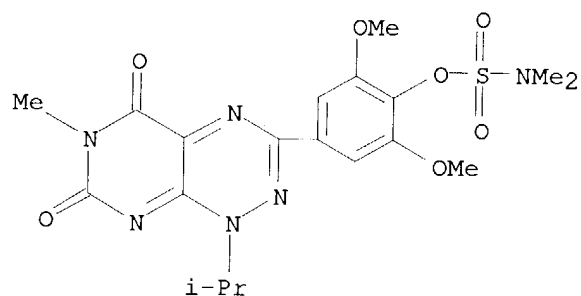
RN 646070-86-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3,5-dimethoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



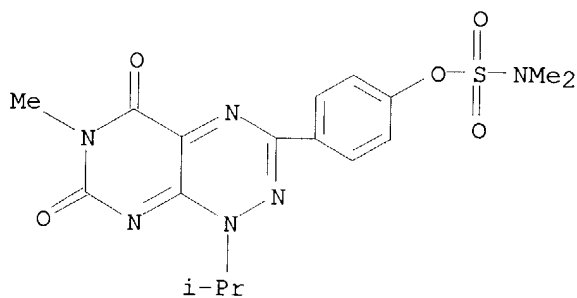
RN 646070-87-3 CAPLUS

CN Sulfamic acid, dimethyl-, 2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl ester (9CI) (CA INDEX NAME)



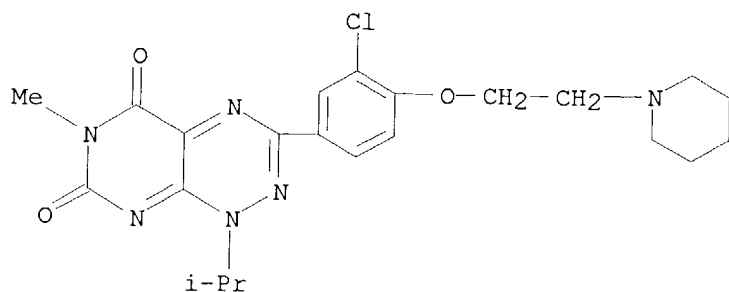
RN 646070-88-4 CAPLUS

CN Sulfamic acid, dimethyl-, 4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl ester (9CI) (CA INDEX NAME)



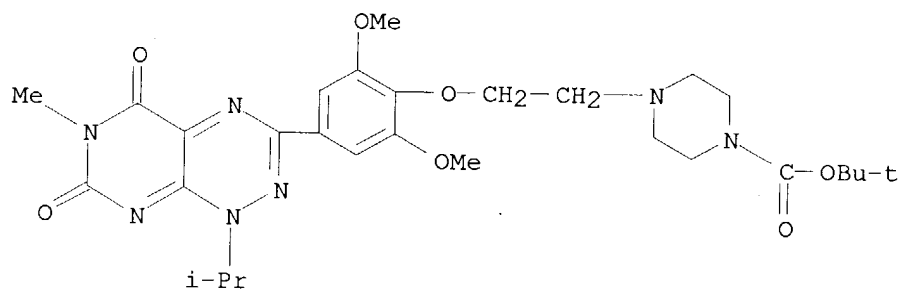
RN 646070-89-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



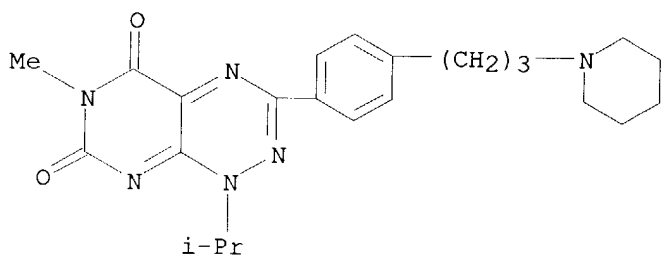
RN 646070-90-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxopyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



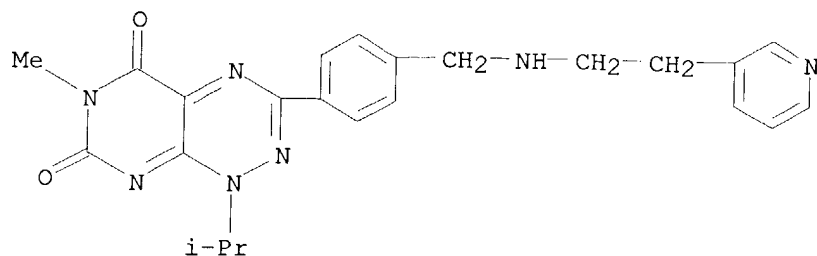
RN 646070-91-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[3-(1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



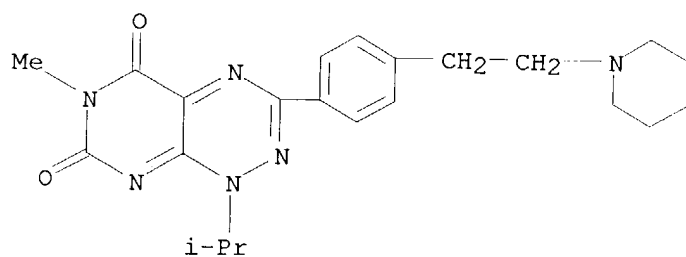
RN 646070-92-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[[[2-(3-pyridinyl)ethyl]amino]methyl]phenyl]- (9CI) (CA INDEX NAME)



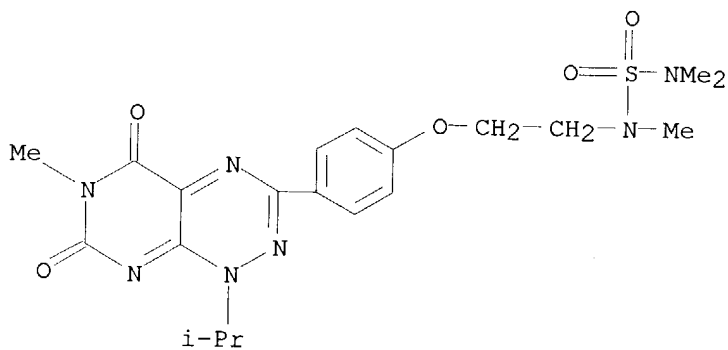
RN 646070-93-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(1-piperidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



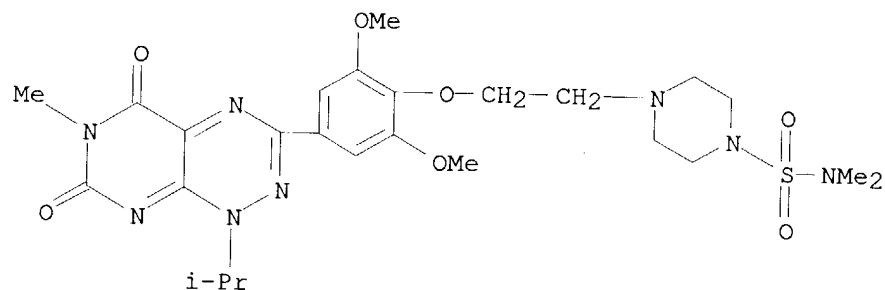
RN 646070-94-2 CAPLUS

CN Sulfamide, N,N,N'-trimethyl-N'-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]- (9CI) (CA INDEX NAME)

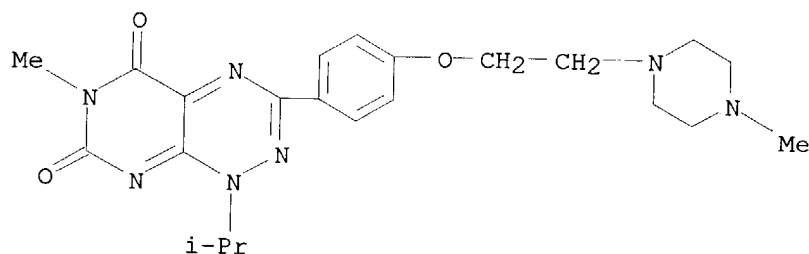


RN 646070-95-3 CAPLUS

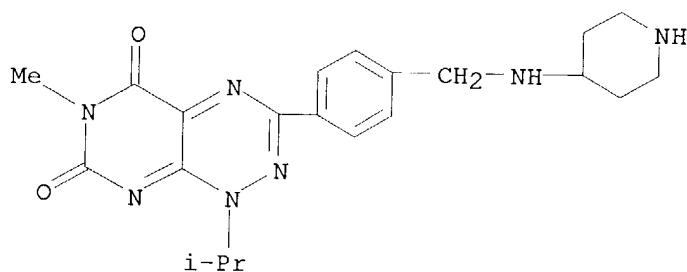
CN 1-Piperazinesulfonamide, 4-[2-[2,6-dimethoxy-4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



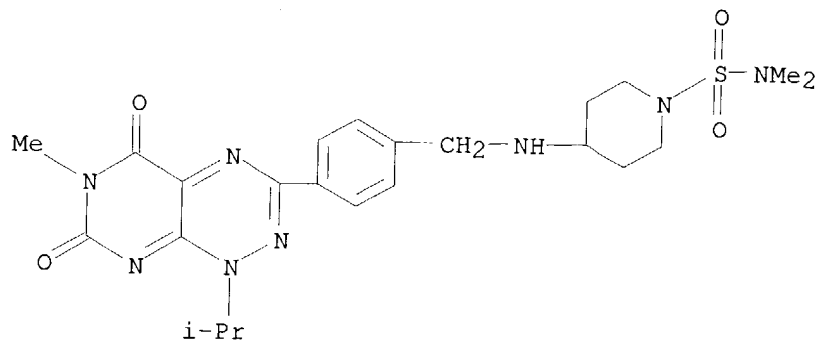
RN 646070-96-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646070-97-5 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-[4-[(4-methyl-1-piperidinyl)amino]methyl]phenyl]- (9CI) (CA INDEX NAME)

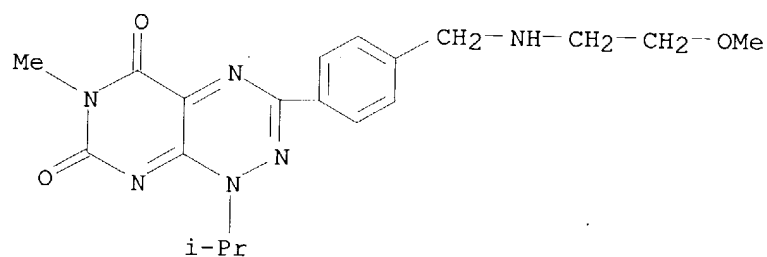


RN 646070-98-6 CAPLUS
 CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



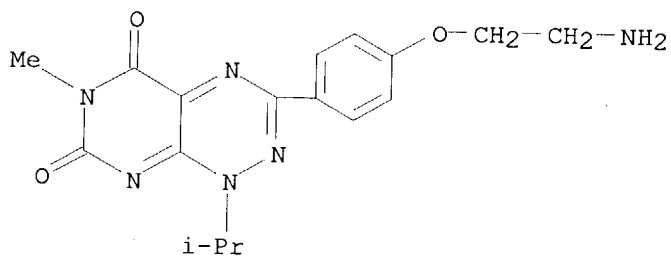
RN 646070-99-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[[2-methoxyethyl]amino]methyl]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



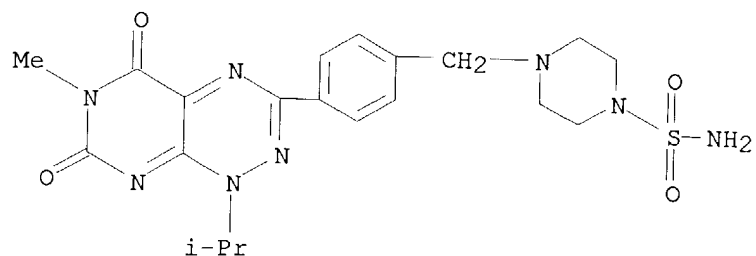
RN 646071-00-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(2-aminoethoxy)phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



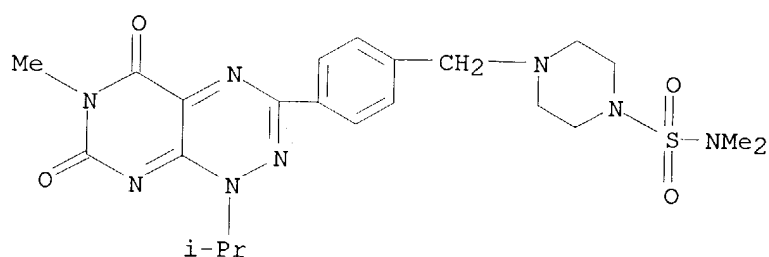
RN 646071-01-4 CAPLUS

CN 1-Piperazinesulfonamide, 4-[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]- (9CI) (CA INDEX NAME)



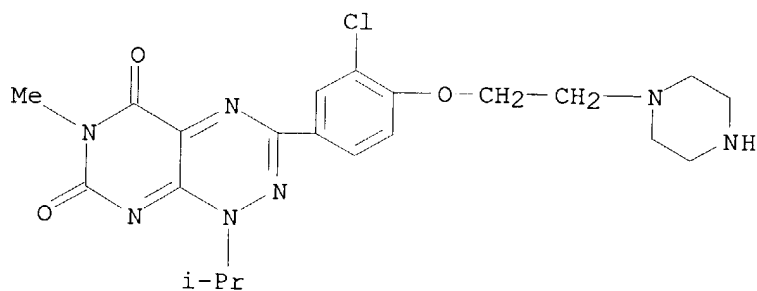
RN 646071-02-5 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]- (9CI) (CA INDEX NAME)



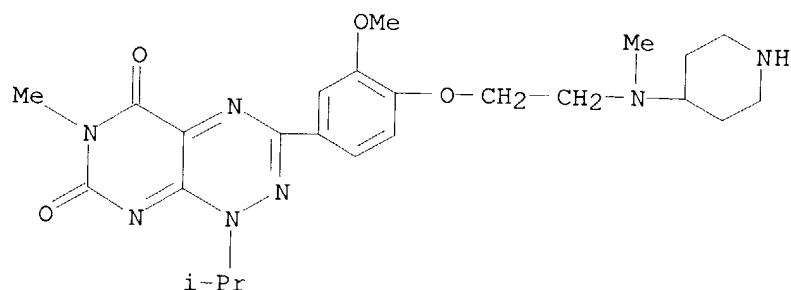
RN 646071-03-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-chloro-4-[2-(1-piperazinyl)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



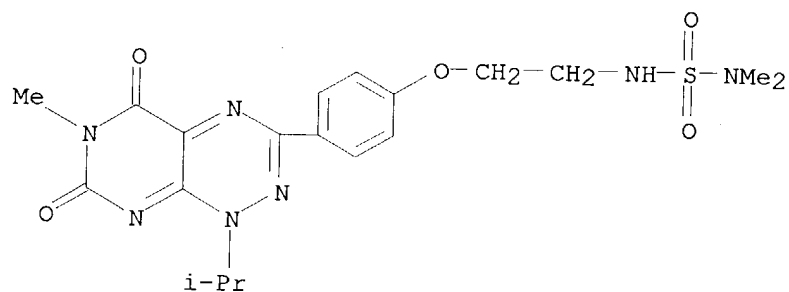
RN 646071-04-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(methyl-4-piperidinylamino)ethoxy]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



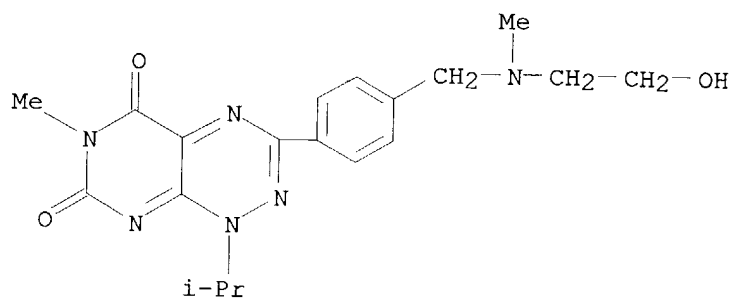
RN 646071-05-8 CAPLUS

CN Sulfamide, N,N-dimethyl-N'-[2-[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenoxy]ethyl]-N-methylpiperidine-1-sulfonamide (9CI) (CA INDEX NAME)



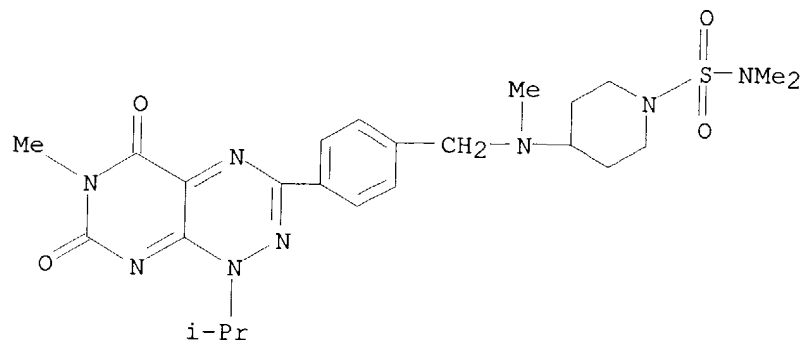
RN 646071-06-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[[2-hydroxyethyl)methylamino]methyl]phenyl]-6-methyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



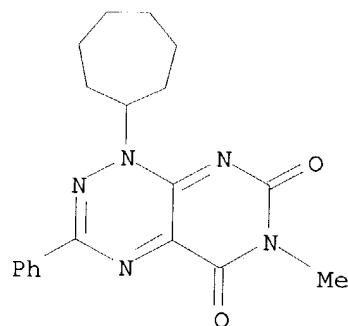
RN 646071-07-0 CAPLUS

CN 1-Piperidinesulfonamide, N,N-dimethyl-4-[methyl[[4-[1,5,6,7-tetrahydro-6-methyl-1-(1-methylethyl)-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl]phenyl]methyl]amino]- (9CI) (CA INDEX NAME)



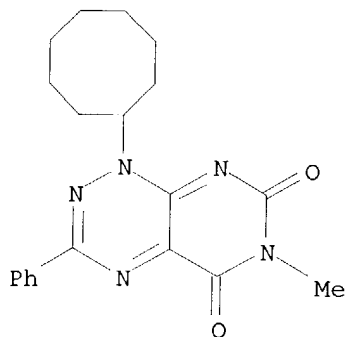
RN 646071-08-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cycloheptyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



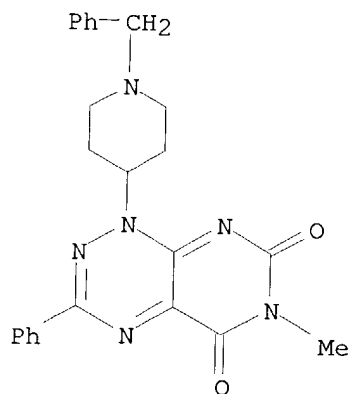
RN 646071-09-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclooctyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



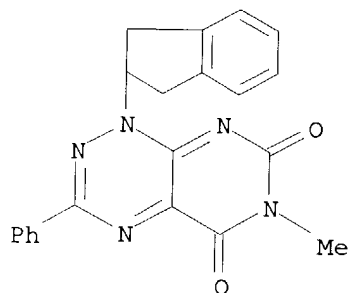
RN 646071-10-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-[1-(phenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



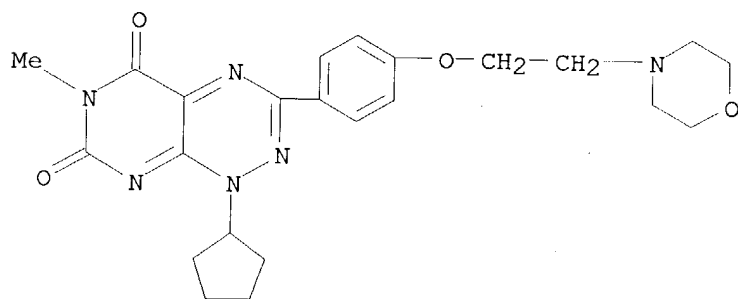
RN 646071-11-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(2,3-dihydro-1H-inden-2-yl)-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 646071-12-7 CAPLUS

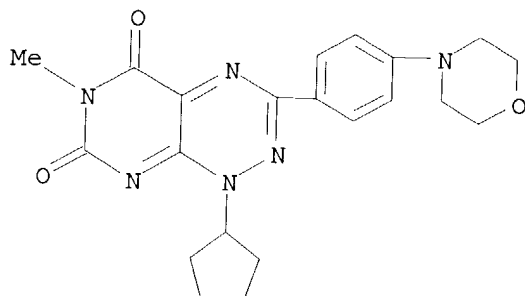
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646071-13-8 CAPLUS

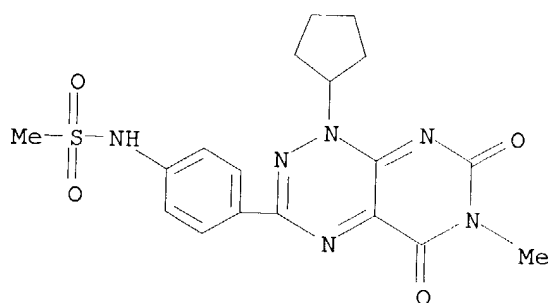
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)

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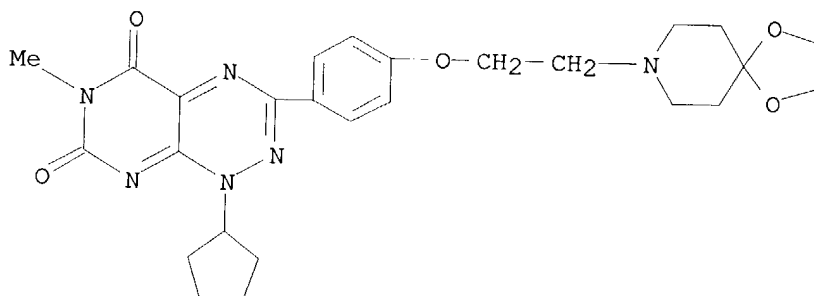
RN 646071-14-9 CAPLUS

CN Methanesulfonamide, N-[4-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]- (9CI) (CA INDEX NAME)



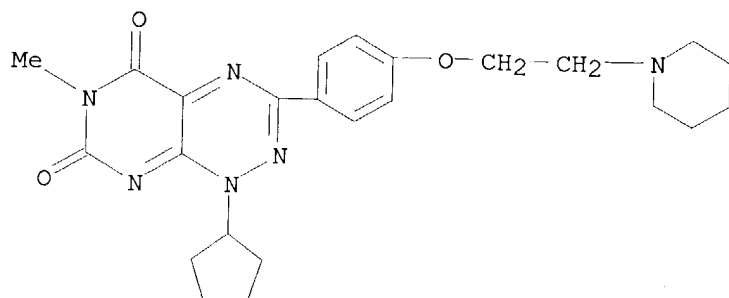
RN 646071-15-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[4-[2-(1,4-dioxo-8-azaspiro[4.5]dec-8-yl)ethoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)

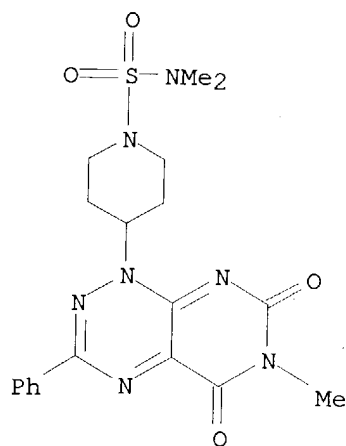


RN 646071-16-1 CAPLUS

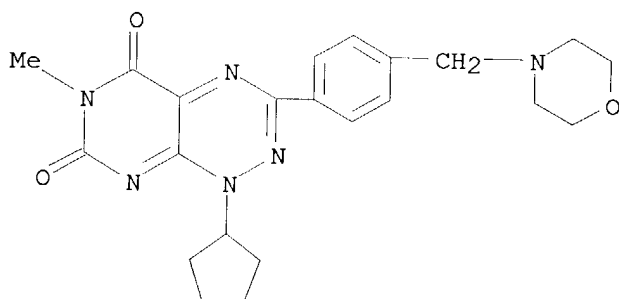
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



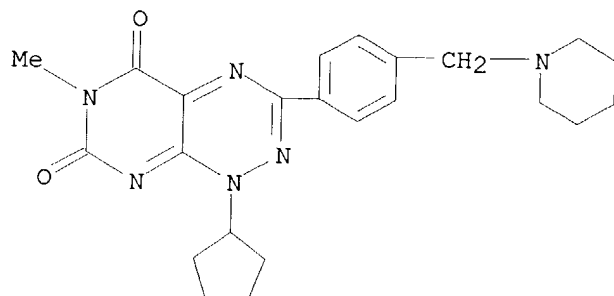
RN 646071-17-2 CAPLUS
 CN 1-Piperidinesulfonamide, 4-(6,7-dihydro-6-methyl-5,7-dioxo-3-phenylpyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl)-N,N-dimethyl- (9CI) (CA INDEX NAME)



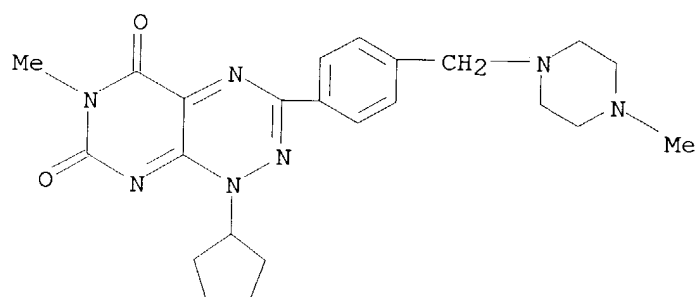
RN 646071-18-3 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(4-morpholinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



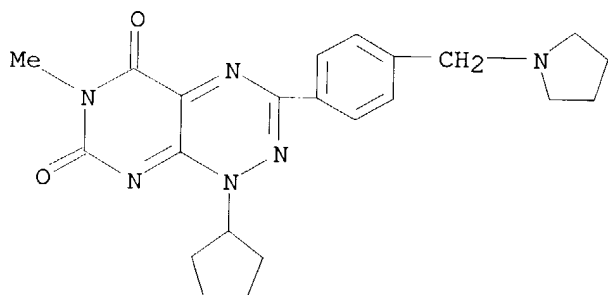
RN 646071-19-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(1-piperidinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



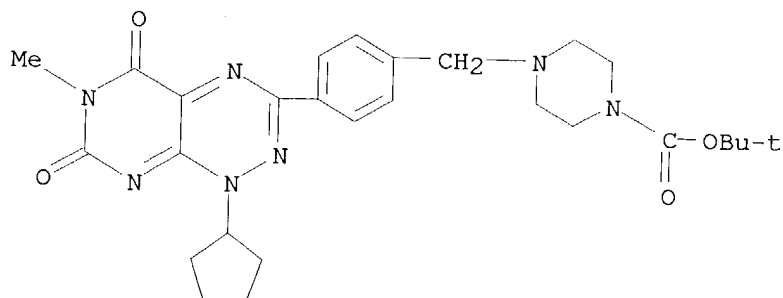
RN 646071-20-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-[(4-methyl-1-piperazinyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



RN 646071-21-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(1-methylpiperidin-4-ylmethyl)phenyl]- (9CI) (CA INDEX NAME)

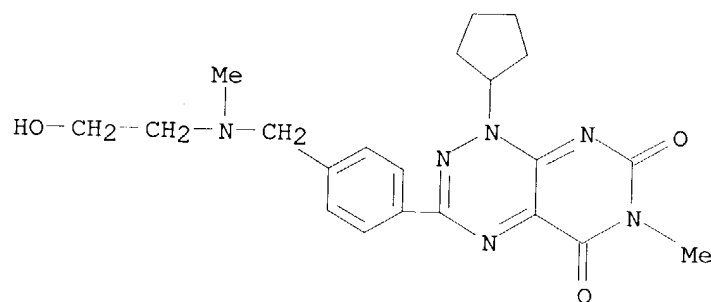


RN 646071-22-9 CAPLUS
 CN 1-Piperazinecarboxylic acid, 4-[[4-(1-cyclopentyl-1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



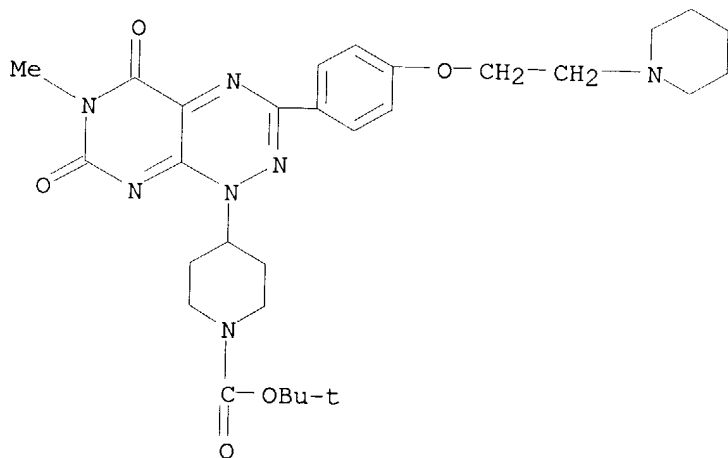
RN 646071-23-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3-[4-[(2-hydroxyethyl)methylamino)methyl]phenyl]-6-methyl- (9CI) (CA INDEX NAME)



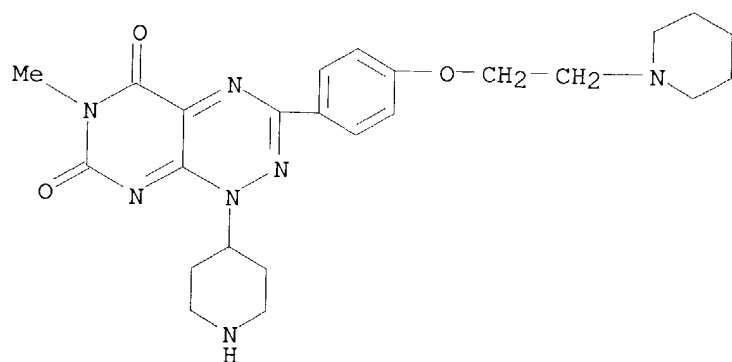
RN 646071-24-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[6,7-dihydro-6-methyl-5,7-dioxo-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



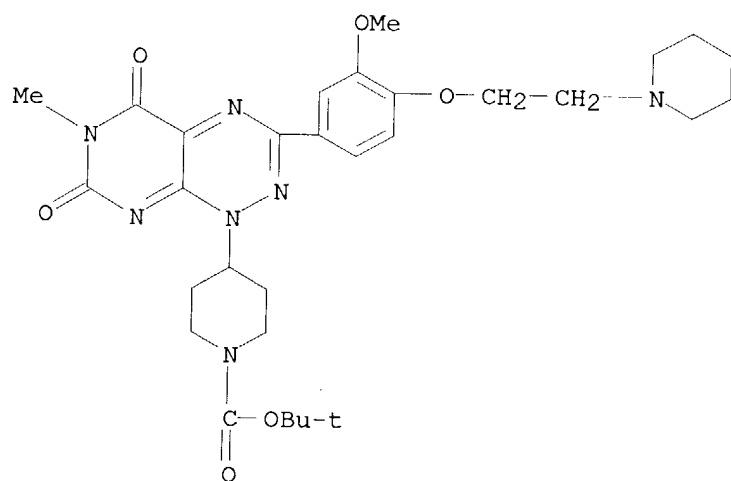
RN 646071-25-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(4-piperidinyl)-3-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 646071-26-3 CAPLUS

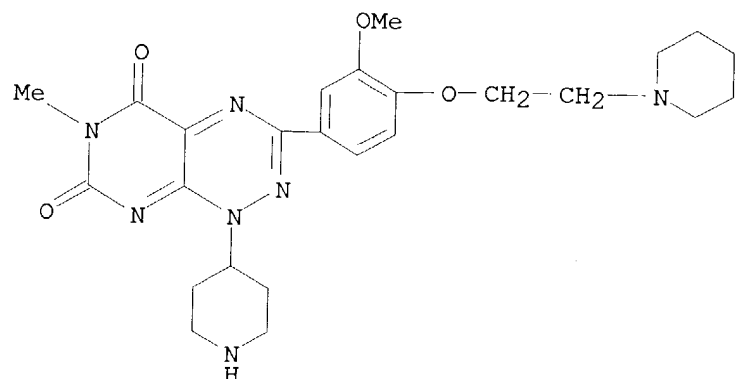
CN 1-Piperidinecarboxylic acid, 4-[6,7-dihydro-3-[3-methoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



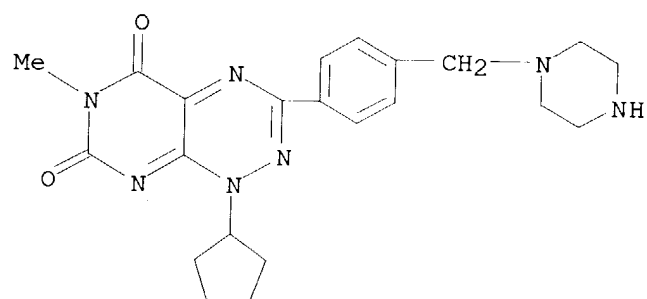
RN 646071-27-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(1-piperidinyl)ethoxy]phenyl]-6-methyl-1-(4-piperidinyl)- (9CI) (CA INDEX NAME)

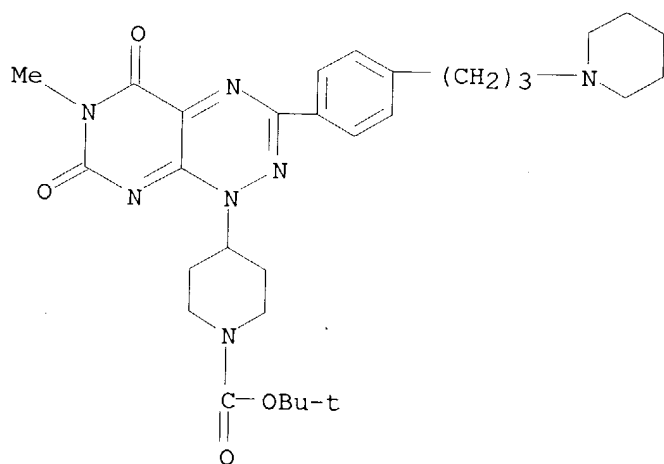
10/760,509



RN 646071-28-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-[4-(1-piperazinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



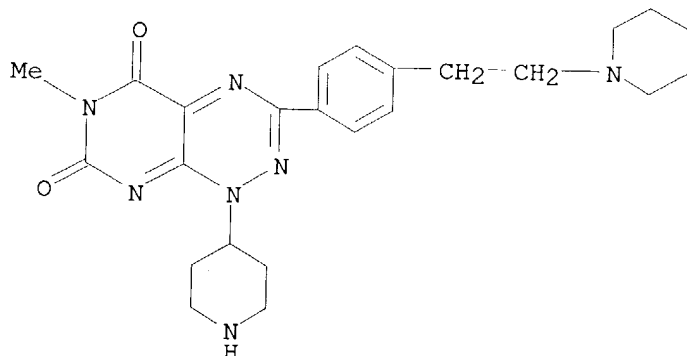
RN 646071-29-6 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[6,7-dihydro-6-methyl-5,7-dioxo-3-[4-[3-(1-piperidinyl)propyl]phenyl]pyrimido[5,4-e]-1,2,4-triazin-1(5H)-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 646071-30-9 CAPLUS

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CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(4-piperidinyl)-3-[4-[2-(1-piperidinyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)

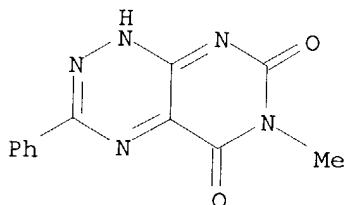


IT 42285-76-7

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

RN 42285-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
(CA INDEX NAME)



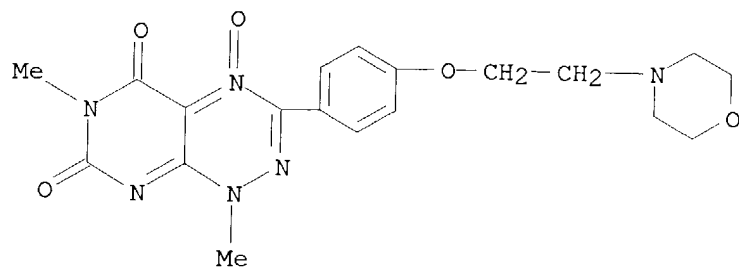
IT 646071-73-0P 646071-75-2P 646071-77-4P
646071-79-6P 646071-81-0P 646071-83-2P
646071-85-4P 646071-87-6P 646071-89-8P
646071-91-2P 646071-93-4P 646071-95-6P
646071-97-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation of 3-Ph analogs of toxoflavin as kinase inhibitors)

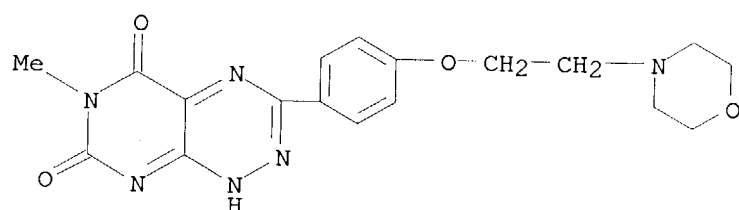
RN 646071-73-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



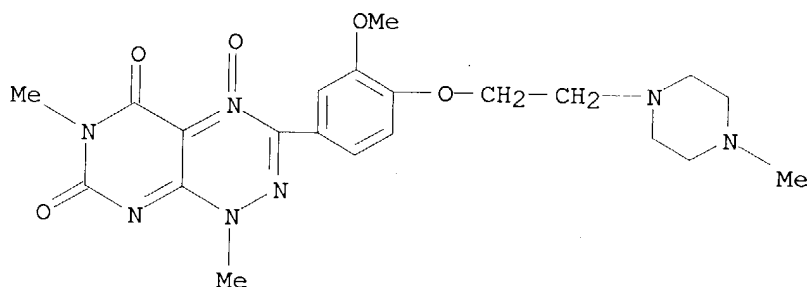
RN 646071-75-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



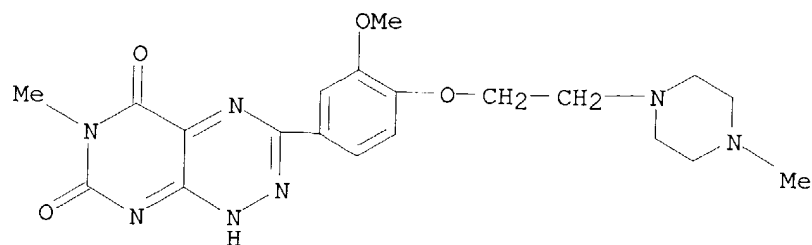
RN 646071-77-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



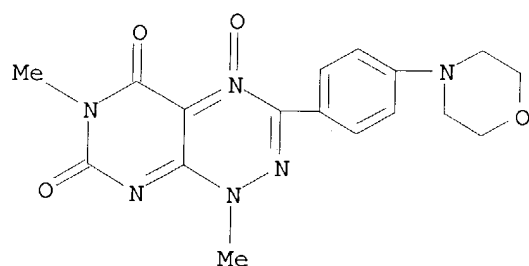
RN 646071-79-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[3-methoxy-4-[2-(4-methyl-1-piperazinyl)ethoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)



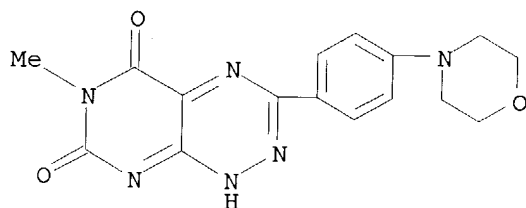
RN 646071-81-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-(4-morpholinyl)phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



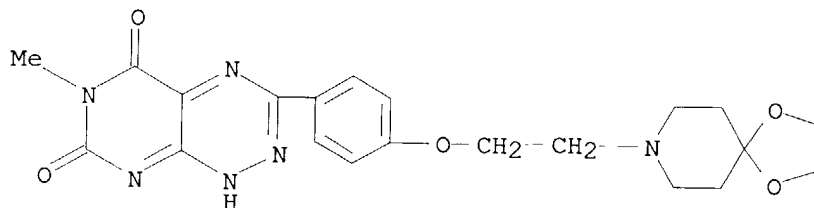
RN 646071-83-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 646071-85-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[2-(1,4-dioxo-8-azaspiro[4.5]dec-8-yl)ethoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)

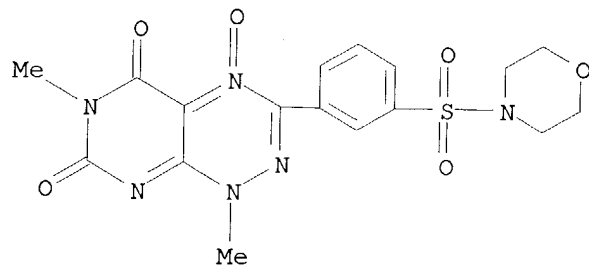


RN 646071-87-6 CAPLUS

CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-1,6-dimethyl-4-oxido-5,7-

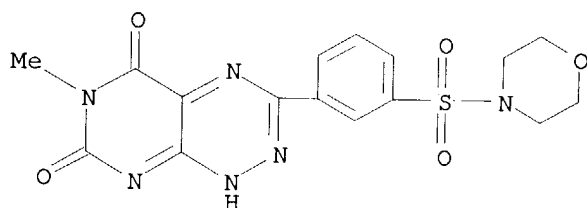
10/760,509

dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



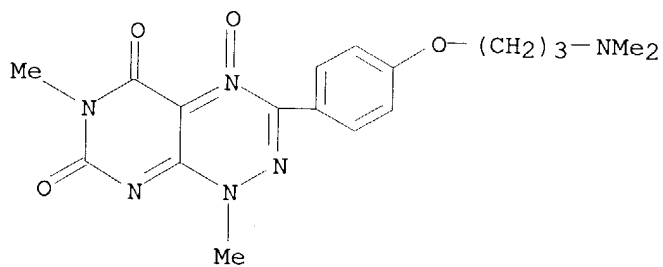
RN 646071-89-8 CAPLUS

CN Morpholine, 4-[[3-(1,5,6,7-tetrahydro-6-methyl-5,7-dioxypyrimido[5,4-e]-1,2,4-triazin-3-yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 646071-91-2 CAPLUS

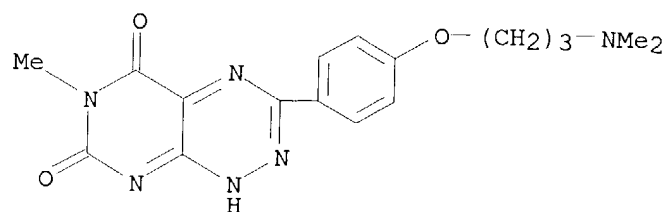
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 646071-93-4 CAPLUS

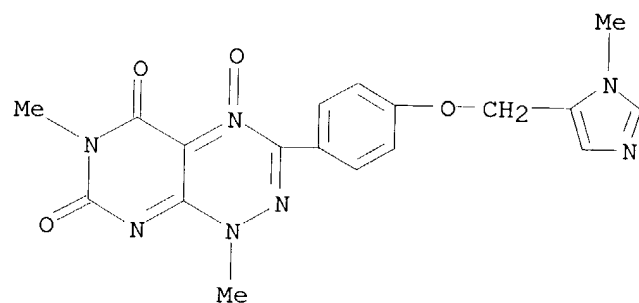
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-[3-(dimethylamino)propoxy]phenyl]-6-methyl- (9CI) (CA INDEX NAME)

10/760,509



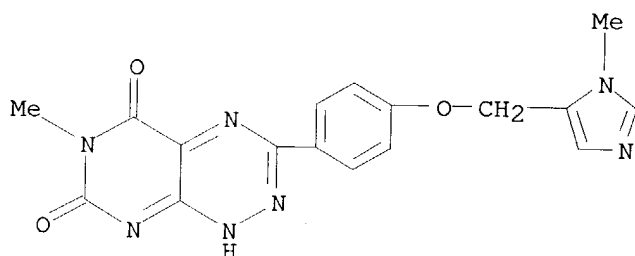
RN 646071-95-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]-, 4-oxide (9CI) (CA INDEX NAME)



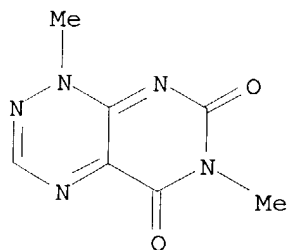
RN 646071-97-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-[4-[(1-methyl-1H-imidazol-5-yl)methoxy]phenyl]- (9CI) (CA INDEX NAME)



10/760,509

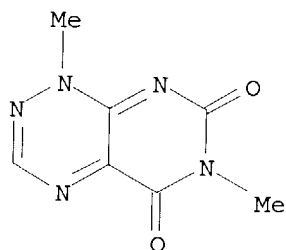
L5 ANSWER 7 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:657337 CAPLUS
DN 140:14730
TI Toxoflavin produced by Burkholderia glumae causing rice grain rot is responsible for inducing bacterial wilt in many field crops
AU Jeong, Yeonhwa; Kim, Jinwoo; Kim, Suhyun; Kang, Yongsung; Nagamatsu, Tomohisa; Hwang, Ingyu
CS School of Agricultural Biotechnology, Seoul National University, Suwon, 441-744, S. Korea
SO Plant Disease (2003), 87(8), 890-895
CODEN: PLDIDE; ISSN: 0191-2917
PB American Phytopathological Society
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study) (toxoflavin produced by Burkholderia glumae causing rice grain rot is responsible for inducing bacterial wilt in many field crops)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



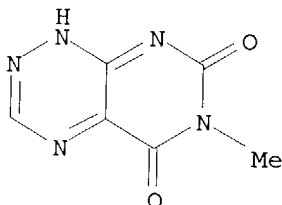
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 8 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:277858 CAPLUS
DN 137:169331
TI Syntheses, transformation, and biological activities of 7-azapteridine
antibiotics: Toxoflavin, fervenulin, reumycin and their analogs
AU Nagamatsu, Tomohisa
CS Faculty of Pharmaceutical Sciences, Okayama University, Okayama, 700-8530,
Japan
SO Recent Research Developments in Organic & Bioorganic Chemistry (2001),
4(Pt. 1), 97-121
CODEN: RDOBFG
PB Transworld Research Network
DT Journal; General Review
LA English
IT **84-82-2P**, Toxoflavin **5016-18-2P**, Reumycin
RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);
BIOL (Biological study); PREP (Preparation)
(review of syntheses, transformation, and biol. activities of
7-azapteridine antibiotics, toxoflavin, fervenulin, reumycin and their
analogues)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



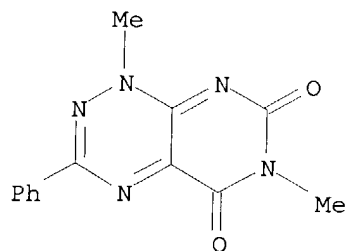
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



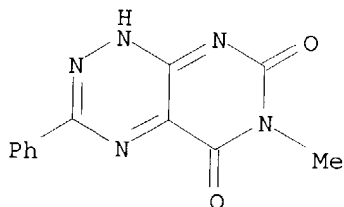
RE.CNT 104 THERE ARE 104 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 9 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:166470 CAPLUS
DN 134:311011
TI General syntheses of 1-alkyltoxoflavin and 8-alkylfervenuin derivatives of biological significance by the regioselective alkylation of reumycin derivatives and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles
AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi
CS Faculty of Pharmaceutical Sciences, Okayama University, Okayama, 700-8530, Japan
SO Journal of the Chemical Society, Perkin Transactions 1 (2001), (2), 130-137
CODEN: JCSPCE; ISSN: 1472-7781
PB Royal Society of Chemistry
DT Journal
LA English
OS CASREACT 134:311011
IT **32502-63-9P 42285-76-7P**
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 1-alkyltoxoflavin and 8-alkylfervenuin derivs. by the regioselective alkylation of reumycin derivs. and the rates of transalkylation from 1-alkyltoxoflavins into nucleophiles)
RN 32502-63-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-76-7 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



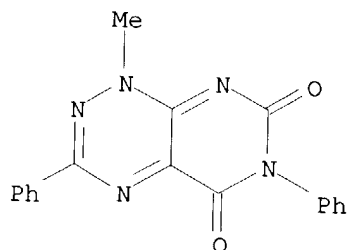
IT 148613-62-1P 148613-80-3P 164520-05-2P
164520-06-3P 164520-07-4P 164520-08-5P
164520-09-6P 164520-10-9P 164520-14-3P
164520-15-4P 164520-16-5P 164520-17-6P
164520-18-7P 164520-19-8P 335354-42-2P

10/760,509

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of 1-alkyltoxoflavin and 8-alkylfervenuin derivs. by the
regioselective alkylation of reumycin derivs. and the rates of
transalkylation from 1-alkyltoxoflavins into nucleophiles)

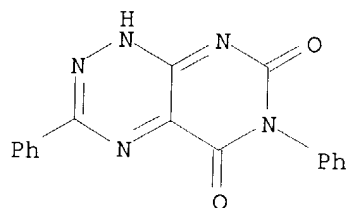
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-
(9CI) (CA INDEX NAME)



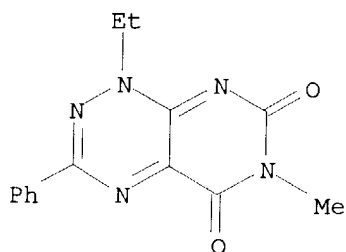
RN 148613-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl- (9CI) (CA
INDEX NAME)



RN 164520-05-2 CAPLUS

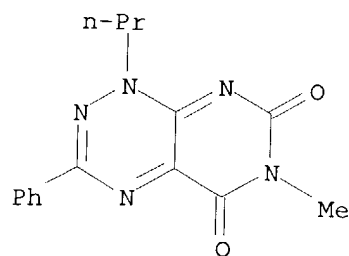
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-
(9CI) (CA INDEX NAME)



RN 164520-06-3 CAPLUS

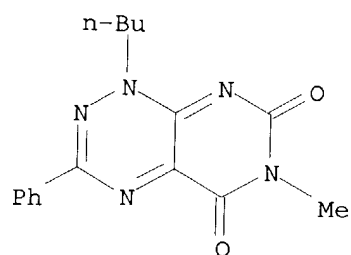
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-
propyl- (9CI) (CA INDEX NAME)

10/760,509



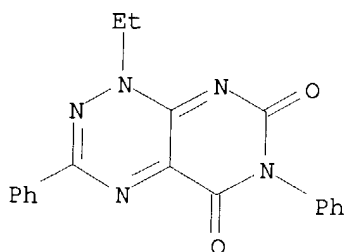
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-
(9CI) (CA INDEX NAME)



RN 164520-08-5 CAPLUS

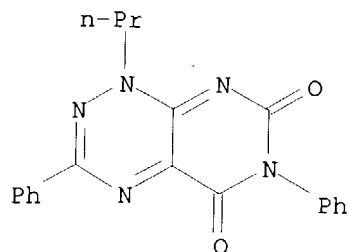
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-diphenyl-
(9CI) (CA INDEX NAME)



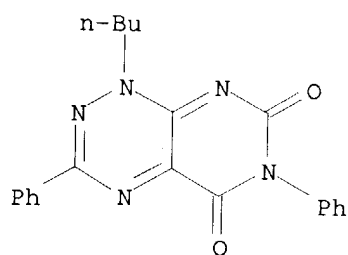
RN 164520-09-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl-
(9CI) (CA INDEX NAME)

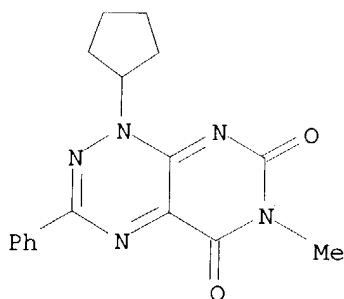
10/760,509



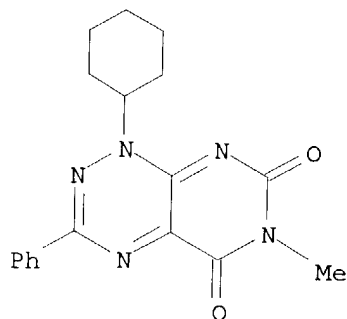
RN 164520-10-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-
(9CI) (CA INDEX NAME)



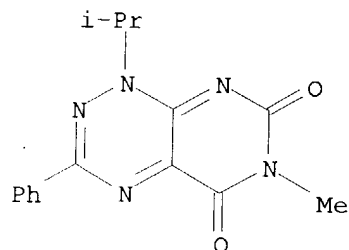
RN 164520-14-3 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-
phenyl- (9CI) (CA INDEX NAME)



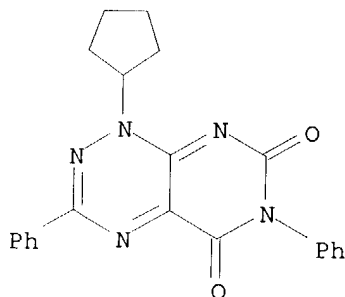
RN 164520-15-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclohexyl-6-methyl-3-
phenyl- (9CI) (CA INDEX NAME)



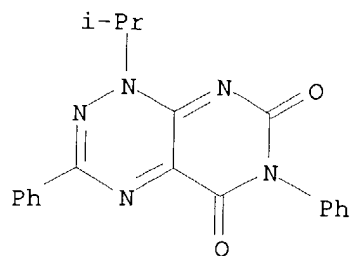
RN 164520-16-5 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



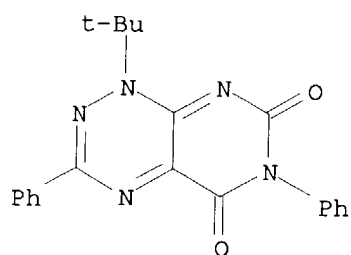
RN 164520-17-6 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



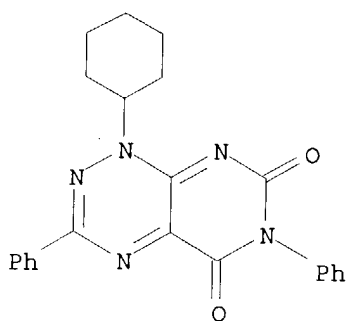
RN 164520-18-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



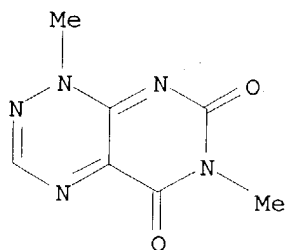
RN 335354-42-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclohexyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

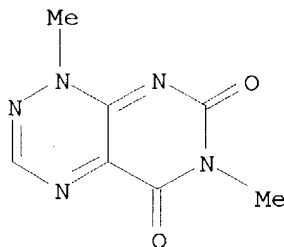
10/760,509

L5 ANSWER 10 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:125649 CAPLUS
DN 132:265013
TI 15N NMR study of toxoflavin and fervenulin
AU Koshino, Hiroyuki; Kono, Yoshiki; Yoneyama, Katsuyoshi; Uzawa, Jun
CS The Institute of Physical and Chemical Research (RIKEN), Saitama,
351-0198, Japan
SO Heterocycles (2000), 52(2), 811-817
CODEN: HTCYAM; ISSN: 0385-5414
PB Japan Institute of Heterocyclic Chemistry
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: PRP (Properties)
(complete 15N NMR study of toxoflavin and fervenulin)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

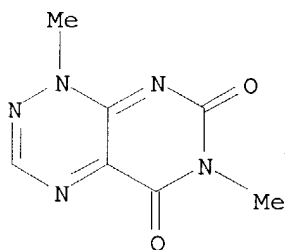
L5 ANSWER 11 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:554 CAPLUS
DN 130:233031
TI Molecular characterization of toxoflavin biosynthesis-related gene in
Pseudomonas (Burkholderia) glumae
AU Suzuki, Fumihiko; Sawada, Hiroyuki; Matsuda, Izumi
CS National Inst. of Agro-Environmental Sciences, Tsukuba, 305-8604, Japan
SO Nippon Shokubutsu Byori Gakkaiho (1998), 64(4), 276-281
CODEN: NSBGAM; ISSN: 0031-9473
PB Nippon Shokubutsu Byori Gakkai
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL
(Biological study); FORM (Formation, nonpreparative)
(mol. characterization of toxoflavin biosynthesis-related gene in
Pseudomonas (Burkholderia) glumae, a putative methyltransferase)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

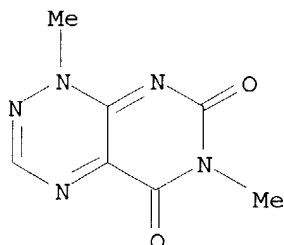
L5 ANSWER 12 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:589862 CAPLUS
DN 129:328178
TI Toxoflavin is an essential factor for virulence of Burkholderia glumae
causing rice seedling rot disease
AU Yoneyama, Katsuyoshi; Kono, Yoshiki; Yamaguchi, Isamu; Horikoshi, Mamoru;
Hirooka, Takashi
CS Faculty Agric., Meiji Univ., Kawasaki, 214-8571, Japan
SO Nippon Shokubutsu Byori Gakkaiho (1998), 64(2), 91-96
CODEN: NSBGAM; ISSN: 0031-9473
PB Nippon Shokubutsu Byori Gakkai
DT Journal
LA English
IT **84-82-2, Toxoflavin**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); BIOL (Biological study)
(toxoflavin is an essential factor for virulence of Burkholderia glumae
causing rice seedling rot disease)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

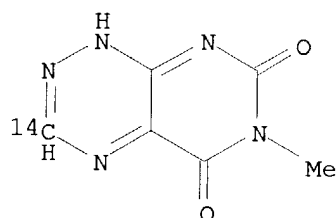
10/760,509

L5 ANSWER 13 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:589853 CAPLUS
DN 129:328043
TI Identification of proteins involved in toxin production by *Pseudomonas glumae*
AU Suzuki, Fumihiko; Zhu, Yafeng; Sawada, Hiroyuki; Matsuda, Izumi
CS Natl. Inst. Agro-Environmental Sci., Tsukuba, 305-8604, Japan
SO Nippon Shokubutsu Byori Gakkaiho (1998), 64(2), 75-79
CODEN: NSBGAM; ISSN: 0031-9473
PB Nippon Shokubutsu Byori Gakkai
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
(proteins involved in toxin production by *Pseudomonas glumae*)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

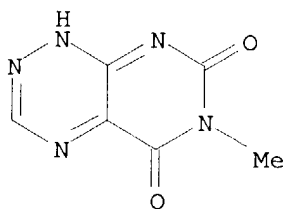


RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:551031 CAPLUS
 DN 129:269935
 TI Synthesis and experimental pharmacokinetics of 3-¹⁴C-reumycin
 AU Ul'yanenko, S. E.; Yadrovskaya, V. A.; Savina, E. P.; Skvortsov, V. G.;
 Esipov, S. E.
 CS Med. Radiol. Nauchnyi Tsentr, RAMN, Obninsk, Russia
 SO Khimiko-Farmatsevticheskii Zhurnal (1998), 32(5), 6-8
 CODEN: KHFZAN; ISSN: 0023-1134
 PB Izdatel'stvo Folium
 DT Journal
 LA Russian
 IT **213883-17-1P**
 RL: BPR (Biological process); BSU (Biological study, unclassified); RCT
 (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP
 (Preparation); PROC (Process); RACT (Reactant or reagent)
 (synthesis and exptl. pharmacokinetics of 3-¹⁴C-reumycin)
 RN 213883-17-1 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione-3-¹⁴C, 6-methyl- (9CI)
 (CA INDEX NAME)

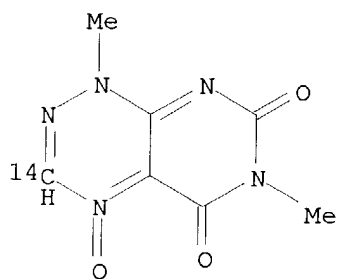


IT **5016-18-2DP**, Reumycin, radiolabeled analogs
 RL: BPR (Biological process); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); PROC
 (Process)
 (synthesis and exptl. pharmacokinetics of 3-¹⁴C-reumycin)
 RN 5016-18-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
 INDEX NAME)



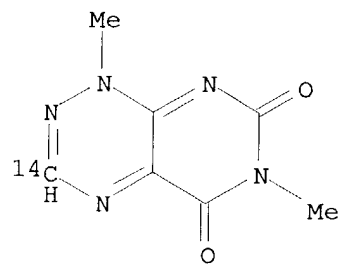
IT **213883-15-9P 213883-16-0P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (synthesis and exptl. pharmacokinetics of 3-¹⁴C-reumycin)
 RN 213883-15-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione-3-¹⁴C, 1,6-dimethyl-,
 4-oxide (9CI) (CA INDEX NAME)

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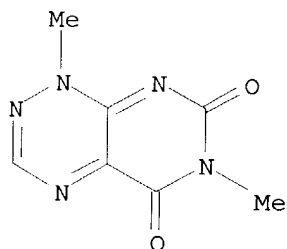
RN 213883-16-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione-3-¹⁴C, 1,6-dimethyl- (9CI)
(CA INDEX NAME)



10/760,509

L5 ANSWER 15 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:276424 CAPLUS
DN 129:50687
TI Role of phytotoxins in the pathogenesis of Burkholderia species
AU Iiyama, Kazuhiro; Furuya, Naruto; Ura, Hiroyuki; Matsuyama, Nobuaki
CS Lab. Plant Pathology, Fac. Agriculture, Kyushu Univ., Fukuoka, 812-8581,
Japan
SO Journal of the Faculty of Agriculture, Kyushu University (1998), 42(3-4),
289-293
CODEN: JFAKAU; ISSN: 0023-6152
PB Kyushu University, Faculty of Agriculture
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(role of phytotoxins in pathogenesis of Burkholderia species)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 16 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:648541 CAPLUS
DN 127:336635
TI Anticancer agents containing 7-azapteridines
IN Nagamatsu, Tomofumi; Yamagishi, Takehiro; Yoneda, Fumio
PA Taisho Pharmaceutical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09255681	A2	19970930	JP 1996-67814	19960325
PRAI	JP 1996-67814		19960325		

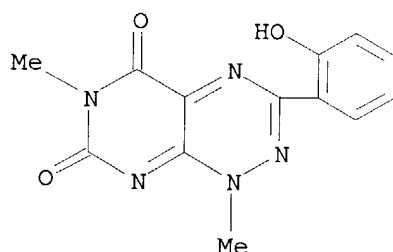
OS MARPAT 127:336635

IT **198007-87-3P 198007-89-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(anticancer agents containing 7-azapteridines)

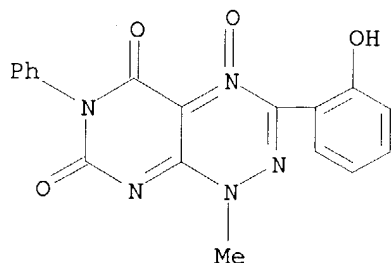
RN 198007-87-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-hydroxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 198007-89-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-hydroxyphenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



IT 32502-16-2 32502-63-9 52199-05-0
52348-60-4 57024-55-2 57562-64-8
60026-35-9 148613-63-2 148613-65-4
148613-66-5 148613-67-6 148613-68-7
148613-71-2 148613-73-4 164520-06-3

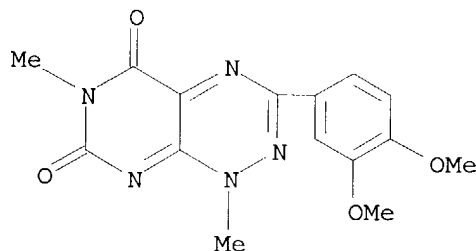
164520-07-4 164520-14-3 198007-88-4

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(anticancer agents containing 7-azapteridines)

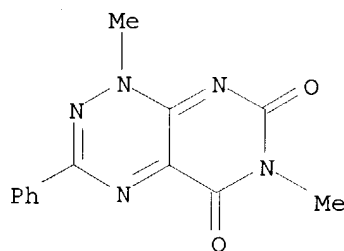
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



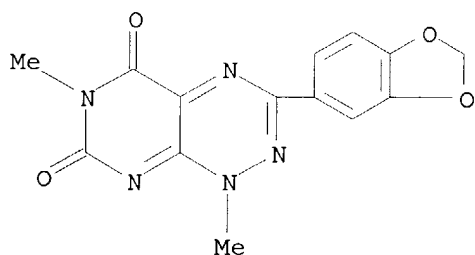
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 52199-05-0 CAPLUS

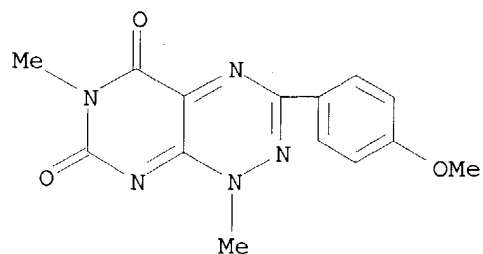
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



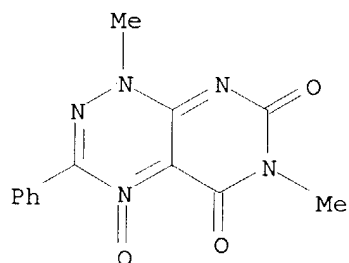
RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

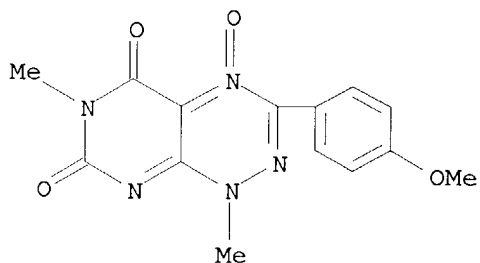
10/760,509



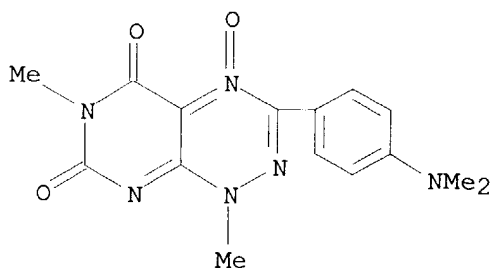
RN 57024-55-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-64-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



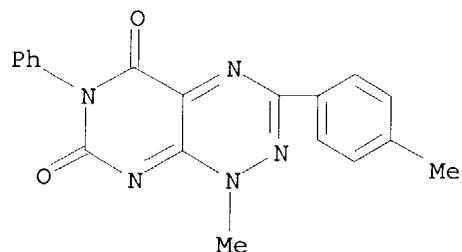
RN 60026-35-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



10/760,509

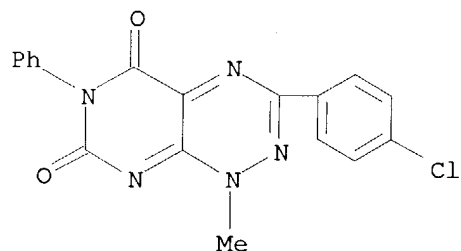
RN 148613-63-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl- (9CI) (CA INDEX NAME)



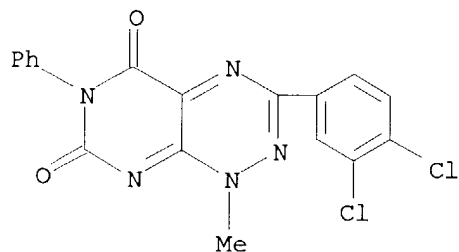
RN 148613-65-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



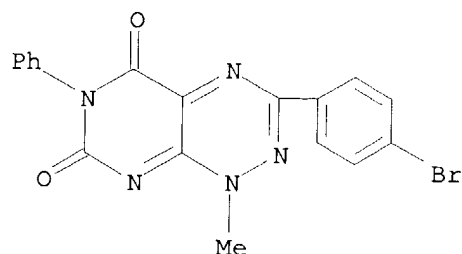
RN 148613-66-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)

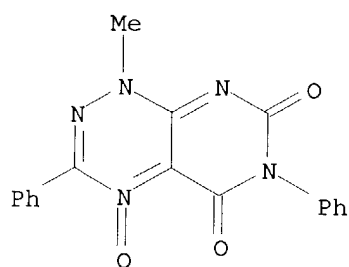


RN 148613-67-6 CAPLUS

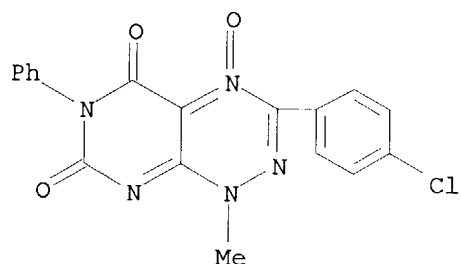
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



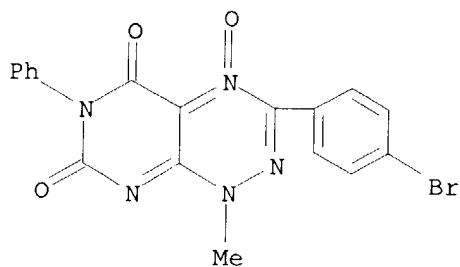
RN 148613-68-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-, 4-oxide (9CI) (CA INDEX NAME)



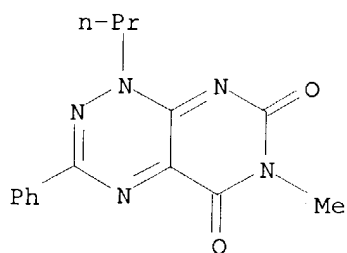
RN 148613-71-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



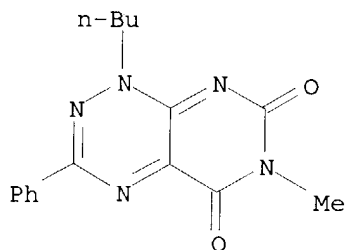
RN 148613-73-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 164520-06-3 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)

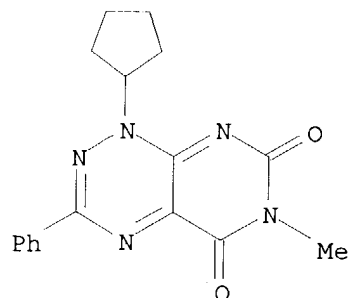


RN 164520-07-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-14-3 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)

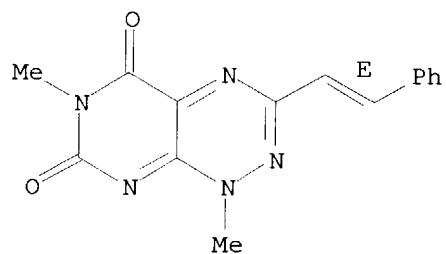
10/760,509



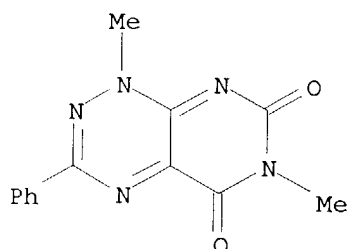
RN 198007-88-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-phenylethenyl)-, (E)- (9CI) (CA INDEX NAME)

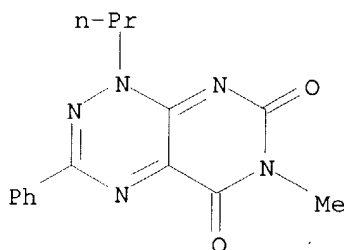
Double bond geometry as shown.



L5 ANSWER 17 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:318648 CAPLUS
 DN 127:17521
 TI Facile and general syntheses of 1-alkyltoxoflavin and 8-alkylferavenulin derivatives of biological significance by the regiospecific alkylation of reumycin (1-demethyltoxoflavin, 8-demethylferavenulin) derivatives
 AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi
 CS Faculty Pharmaceutical Sciences, Okayama Univ., Tsushima, 700, Japan
 SO Heterocycles (1997), 45(4), 643-650
 CODEN: HTCYAM; ISSN: 0385-5414
 PB Japan Institute of Heterocyclic Chemistry
 DT Journal
 LA English
 OS CASREACT 127:17521
 IT **32502-63-9P 164520-06-3P 164520-09-6P**
164520-14-3P 164520-16-5P 164520-19-8P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (synthesis and antitumor activity of 1-alkyltoxoflavin and 8-alkylferavenulin derivs. via the regiospecific alkylation of reumycin derivs.)
 RN 32502-63-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)

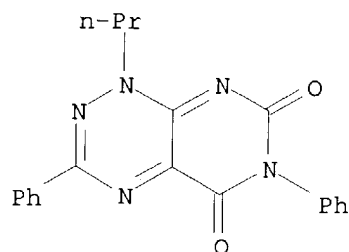


RN 164520-06-3 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-propyl- (9CI) (CA INDEX NAME)

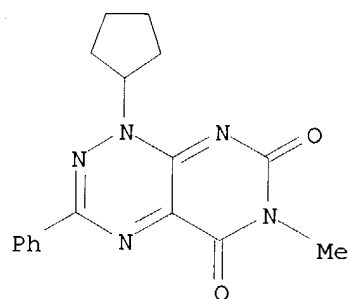


RN 164520-09-6 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl- (9CI) (CA INDEX NAME)

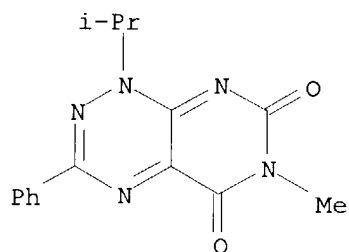
10/760,509



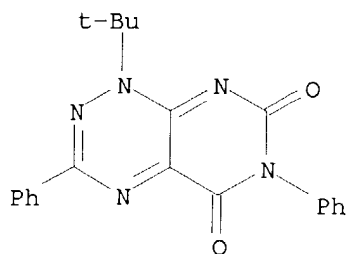
RN 164520-14-3 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-16-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



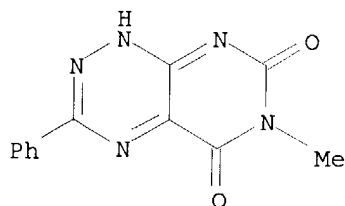
IT **42285-76-7P 148613-80-3P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis and antitumor activity of 1-alkyltoxoflavin and 8-alkylfervenuin derivs. via the regiospecific alkylation of reumycin derivs.)

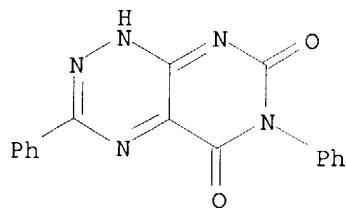
RN 42285-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 148613-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl- (9CI) (CA INDEX NAME)



IT **148613-62-1P 164520-07-4P 164520-10-9P**

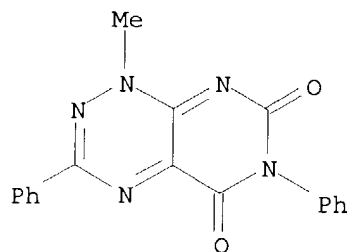
164520-17-6P 164520-18-7P

RL: SPN (Synthetic preparation); PREP (Preparation)

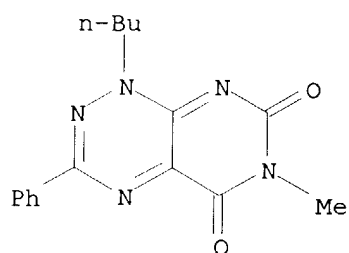
(synthesis and antitumor activity of 1-alkyltoxoflavin and 8-alkylfervenuin derivs. via the regiospecific alkylation of reumycin derivs.)

RN 148613-62-1 CAPLUS

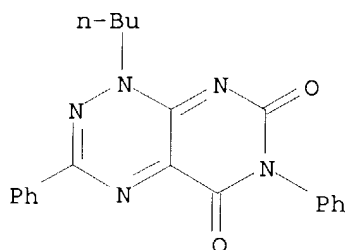
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-07-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-
(9CI) (CA INDEX NAME)

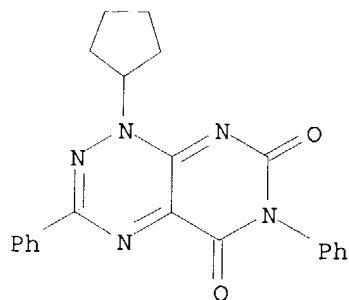


RN 164520-10-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-
(9CI) (CA INDEX NAME)



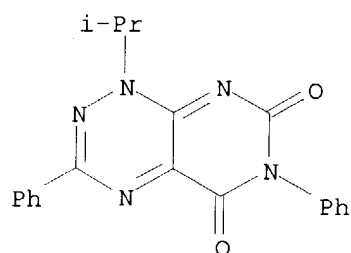
RN 164520-17-6 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3,6-
diphenyl- (9CI) (CA INDEX NAME)

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RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/760,509

L5 ANSWER 18 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:367652 CAPLUS

DN 125:33689

TI Preparation of pyrimidotriazinediones as interleukin converting enzyme inhibitors

IN Albrecht, Hans-Peter; Boehm, Hans-Joachim; Brady, Kenneth Dale; Eckard, Peter; Kardorff, Uwe; Meyer, Norbert; Schirmer, Ulrich; Talanian, Robert Vincent; Walker, Nigel P. C.

PA BASF A.-G., Germany

SO Ger. Offen., 9 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

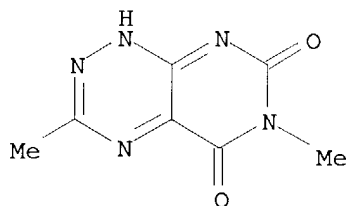
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19534164	A1	19960425	DE 1995-19534164	19950915
PRAI	US 1994-313373		19940927		
OS	MARPAT 125:33689				

IT **42285-75-6P 42285-81-4P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrimidotriazinediones as interleukin converting enzyme inhibitors)

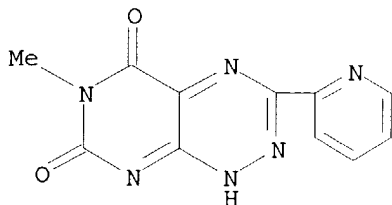
RN 42285-75-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-dimethyl- (9CI) (CA INDEX NAME)



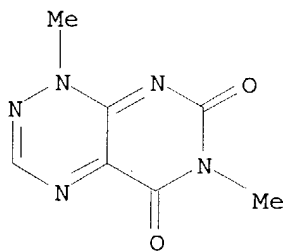
RN 42285-81-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



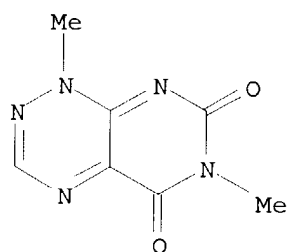
10/760,509

L5 ANSWER 19 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:271927 CAPLUS
DN 124:335349
TI Effect of toxoflavin on free radical formation in murine tissues and human
blood cells observed by electron spin resonance technique
AU Cong, Jianbo; Sun, Cunpu; Zhao, Naixin; Wu, Ke; Ren, Weidong
CS Inst. of Radiation Medicine, Academy of Military Medical Sciences.,
Beijing, 100850, Peop. Rep. China
SO Zhongguo Yaolixue Yu Dulixue Zazhi (1995), 9(4), 296-8
CODEN: ZYYZEW; ISSN: 1000-3002
PB Zhongguo Yaolixue Yu Dulixue Zazhi Biarjibu
DT Journal
LA Chinese
IT **84-82-2, Toxoflavin**
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(effect of toxoflavin on free radical formation in murine tissues and
human blood cells)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



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L5 ANSWER 20 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:77603 CAPLUS
DN 124:196247
TI Enhanced vasocontraction of rat tail arteries by toxoflavin
AU Wang, Zunzhe; Ma, Meisheng; Wang, Rui
CS Departement de physiologie, Universite de Montreal, Montreal, QC, H3C 3J7, Can.
SO British Journal of Pharmacology (1996), 117(2), 293-8
CODEN: BJPCBM; ISSN: 0007-1188
PB Stockton
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(enhanced vasocontraction of rat tail arteries by toxoflavin)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



10/760,509

L5 ANSWER 21 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1995:657612 CAPLUS

DN 123:55928

TI Preparation of 1- or 8-alkyl-7-azapteridine derivative by selective alkylation

IN Nagamatsu, Tomofumi

PA Taisho Pharma Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

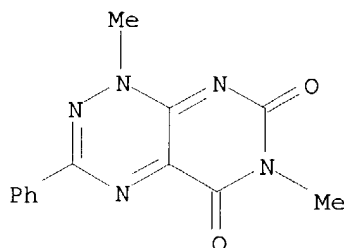
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 07041479	A2	19950210	JP 1993-185760	19930728
PRAI	JP 1993-185760		19930728		
OS	CASREACT 123:55928; MARPAT 123:55928				
IT	32502-63-9P 148613-62-1P 164520-05-2P				
	164520-06-3P 164520-07-4P 164520-08-5P				
	164520-09-6P 164520-10-9P 164520-14-3P				
	164520-15-4P 164520-16-5P 164520-17-6P				
	164520-18-7P 164520-19-8P				

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of alkylazapteridine derivative by regioselective alkylation of azapteridine derivative with (cyclo)alkyl halide or sulfate)

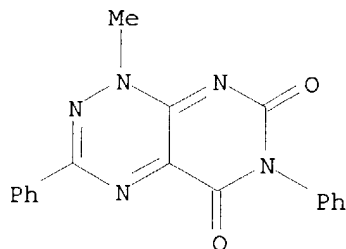
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-(9CI) (CA INDEX NAME)



RN 148613-62-1 CAPLUS

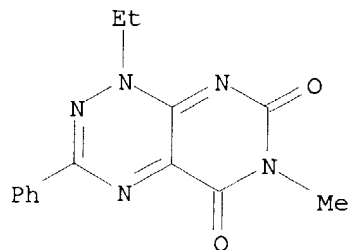
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-(9CI) (CA INDEX NAME)



RN 164520-05-2 CAPLUS

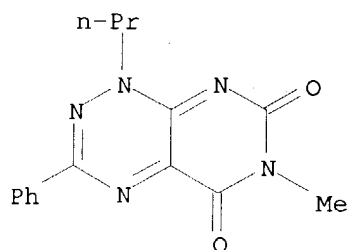
10/760,509

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-6-methyl-3-phenyl-
(9CI) (CA INDEX NAME)



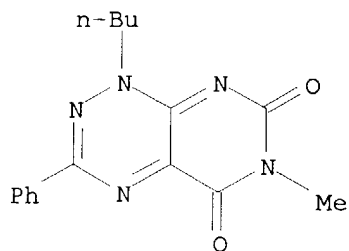
RN 164520-06-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl-1-
propyl- (9CI) (CA INDEX NAME)



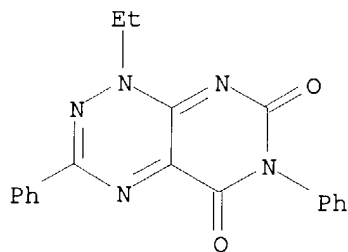
RN 164520-07-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-6-methyl-3-phenyl-
(9CI) (CA INDEX NAME)

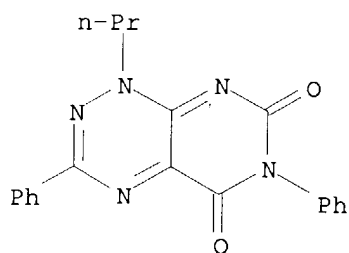


RN 164520-08-5 CAPLUS

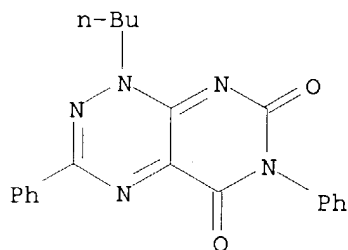
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3,6-diphenyl-
(9CI) (CA INDEX NAME)



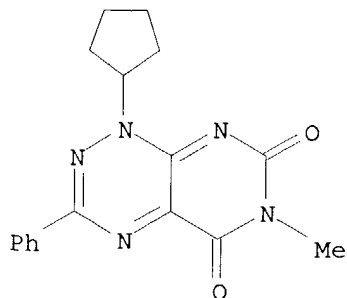
RN 164520-09-6 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl-1-propyl-
 (9CI) (CA INDEX NAME)



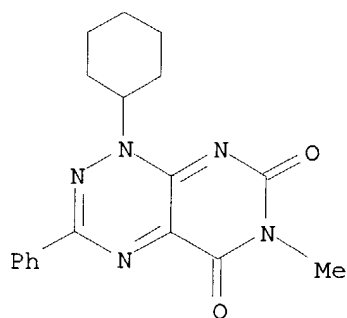
RN 164520-10-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-butyl-3,6-diphenyl-
 (9CI) (CA INDEX NAME)



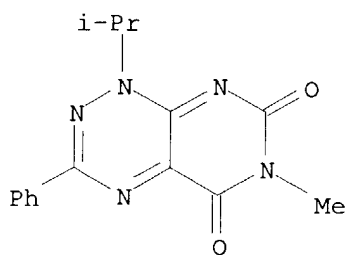
RN 164520-14-3 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-6-methyl-3-
 phenyl- (9CI) (CA INDEX NAME)



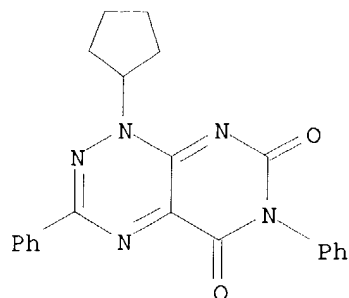
RN 164520-15-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclohexyl-6-methyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 164520-16-5 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(1-methylethyl)-3-phenyl- (9CI) (CA INDEX NAME)

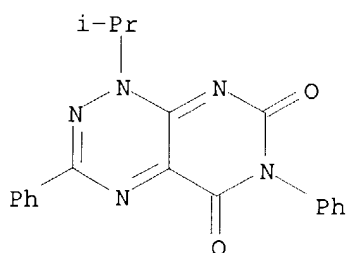


RN 164520-17-6 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-cyclopentyl-3,6-diphenyl- (9CI) (CA INDEX NAME)



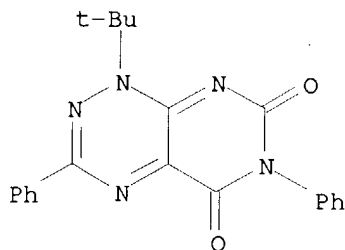
RN 164520-18-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1-methylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)



RN 164520-19-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-(1,1-dimethylethyl)-3,6-diphenyl- (9CI) (CA INDEX NAME)

IT **42285-76-7 148613-80-3**

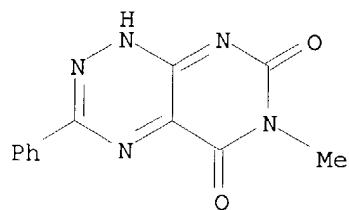
RL: RCT (Reactant); RACT (Reactant or reagent)

(regioselective alkylation of azapteridine derivative with (cyclo)alkyl halide or sulfate)

RN 42285-76-7 CAPLUS

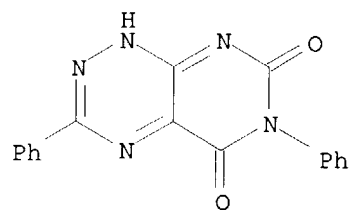
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI) (CA INDEX NAME)

10/760,509



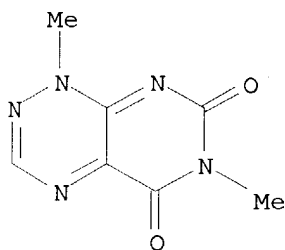
RN 148613-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl- (9CI) (CA INDEX NAME)



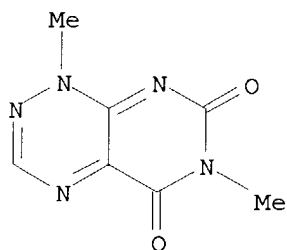
10/760,509

L5 ANSWER 22 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:430936 CAPLUS
DN 121:30936
TI Synthesis and antibacterial activity of substituted 4-aryloxypyrimido[5,4-c]cinnolines
AU Nargund, L. V. G.; Badiger, V. V.; Yarnal, S. M.
CS Nargund Coll. Pharm., Bangalore, 560 050, India
SO European Journal of Medicinal Chemistry (1994), 29(3), 245-7
CODEN: EJMCA5; ISSN: 0223-5234
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(antibacterial activity of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

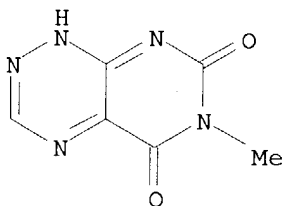


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L5 ANSWER 23 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:323088 CAPLUS
DN 120:323088
TI Stacking interaction of antibiotics of the pyrimido[5,4-e]-1,2,4-triazine
type with purines
AU Antonovskii, V. I.
CS N. N. Semenov Inst. Chem. Phys., Moscow, Russia
SO Izvestiya Akademii Nauk, Seriya Biologicheskaya (1994), (1), 145-7
CODEN: IRABEC; ISSN: 1026-3470
DT Journal
LA Russian
IT **84-82-2**, Xanthothricin **5016-18-2**, Reumycin
RL: PRP (Properties)
(stacking interaction of, with purine)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

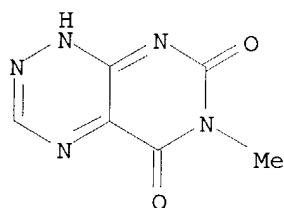


RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

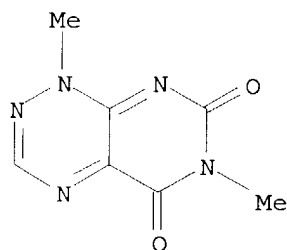


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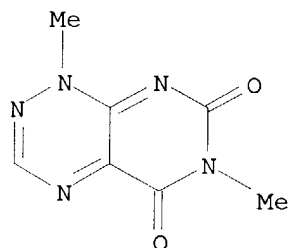
L5 ANSWER 24 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:217577 CAPLUS
DN 120:217577
TI Conjugation of tumor-inhibiting antimetabolite reumycin with a protein to
create a drug with directed type activity
AU Zhirkov, Yu. A.; Saburova, L. A.; Ushakova, M. M.; Kudriavtsev, R. V.;
Shorshnev, S. V.; Chekhonin, V. P.; Esipov, S. E.
CS V. P. Serbsky State Sci. Cent. Soc. Crime Psychiatry, Moscow, 119839,
Russia
SO Biotekhnologiya (1993), (7), 14-16
CODEN: BTKNEZ; ISSN: 0234-2758
DT Journal
LA Russian
IT **5016-18-2P**, Reumycin
RL: PREP (Preparation)
(alkylation by Et chloroacetate in synthesis of protein conjugate)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



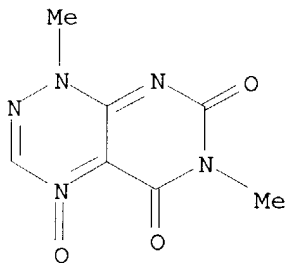
L5 ANSWER 25 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1993:488596 CAPLUS
DN 119:88596
TI Toxicity of toxoflavin from *Pseudomonas cocovenenans* to immunocyte and detoxication
AU Yue, Qifang; Zhao, Shumei; Ma, Weihi; Zhao, Naixin
CS Dep. Microbiol., Weifang Med. Coll., Weifang, 261012, Peop. Rep. China
SO Zhonghua Yufang Yixue Zazhi (1992), 26(5), 287-90
CODEN: CHYCDW; ISSN: 0253-9624
DT Journal
LA Chinese
IT **84-82-2**, Toxoflavin
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(toxicity of, to lymphocytes)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



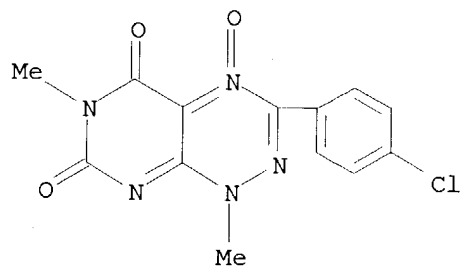
L5 ANSWER 26 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1993:449351 CAPLUS
DN 119:49351
TI Syntheses of 3-substituted 1-methyl-6-phenylpyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-diones (6-phenyl analogs of toxoflavin) and their 4-oxides, and evaluation of antimicrobial activity of toxoflavins and their analogs
AU Nagamatsu, Tomohisa; Yamasaki, Hirofumi; Hirota, Takashi; Yamato, Masatoshi; Kido, Yutaka; Shibata, Motoo; Yoneda, Fumio
CS Fac. Pharm. Sci., Okayama Univ., Okayama, 700, Japan
SO Chemical & Pharmaceutical Bulletin (1993), 41(2), 362-8
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
IT **84-82-2 32496-14-3 32496-15-4**
32496-16-5 32502-62-8 32502-63-9
42285-61-0 42285-69-8 57024-55-2
60026-34-8
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(bactericidal and fungicidal activity of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



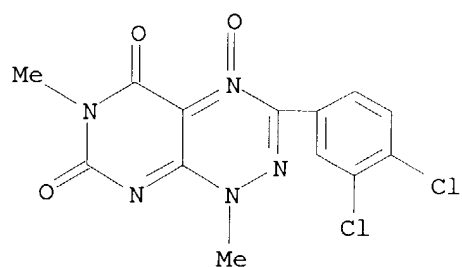
RN 32496-14-3 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



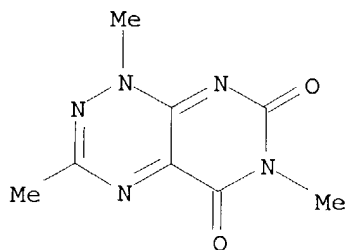
RN 32496-15-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



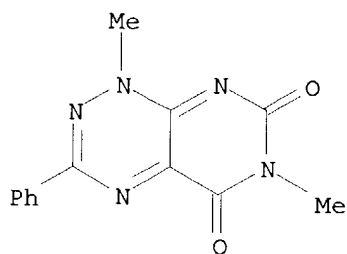
RN 32496-16-5 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



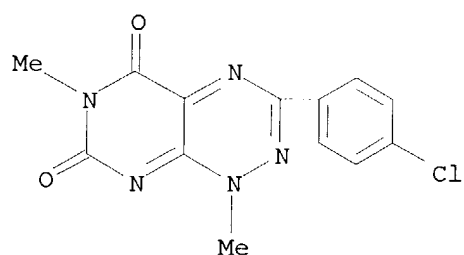
RN 32502-62-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)



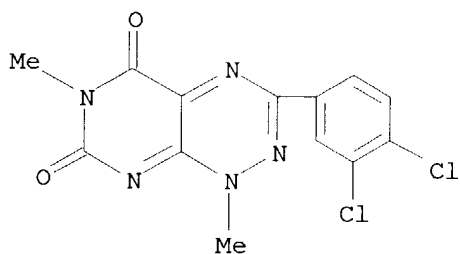
RN 32502-63-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



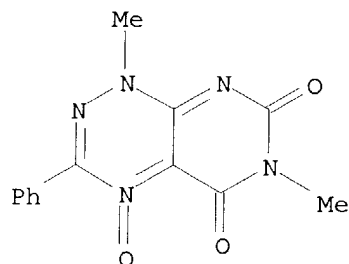
RN 42285-61-0 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



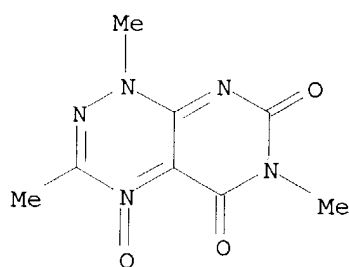
RN 42285-69-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



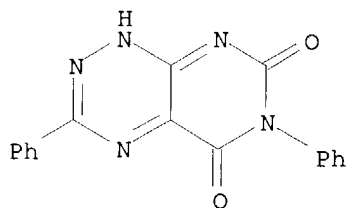
RN 57024-55-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 60026-34-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl-, 4-oxide
 (9CI) (CA INDEX NAME)

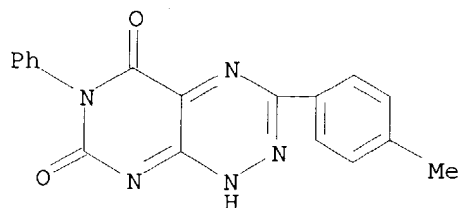


IT 148613-80-3P 148613-81-4P 148613-82-5P
 148613-83-6P 148613-84-7P 148613-85-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 148613-80-3 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-diphenyl- (9CI) (CA
 INDEX NAME)



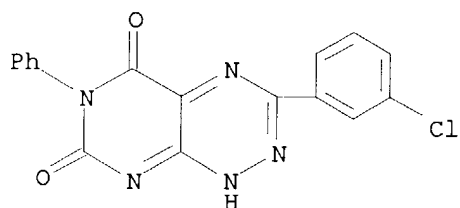
RN 148613-81-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methylphenyl)-6-
 phenyl- (9CI) (CA INDEX NAME)

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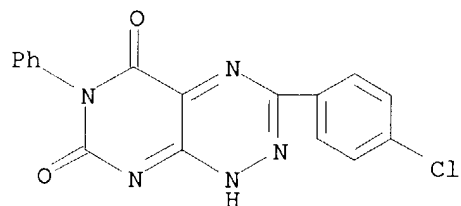
RN 148613-82-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-6-phenyl- (9CI) (CA INDEX NAME)



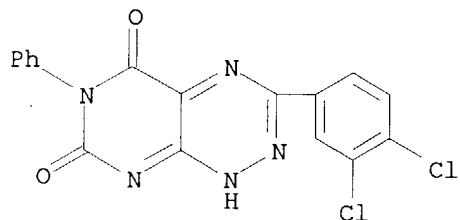
RN 148613-83-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-phenyl- (9CI) (CA INDEX NAME)



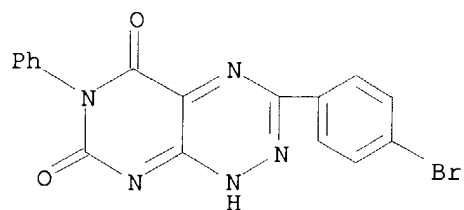
RN 148613-84-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-phenyl- (9CI) (CA INDEX NAME)



RN 148613-85-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-6-phenyl- (9CI) (CA INDEX NAME)



IT 148613-62-1P 148613-63-2P 148613-64-3P

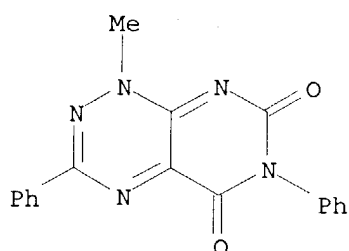
148613-65-4P 148613-66-5P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation, bactericidal and fungicidal activity of, and oxidation of)

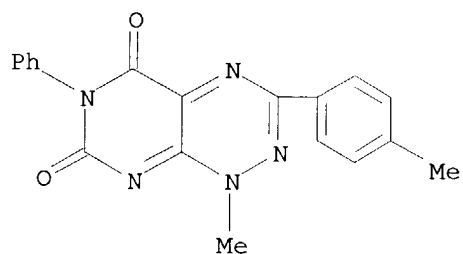
RN 148613-62-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-
(9CI) (CA INDEX NAME)



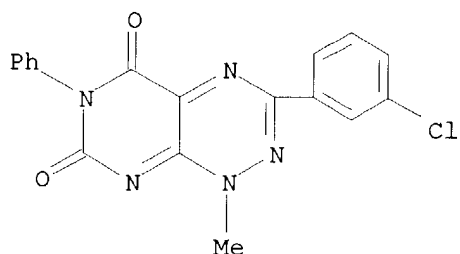
RN 148613-63-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl- (9CI) (CA INDEX NAME)

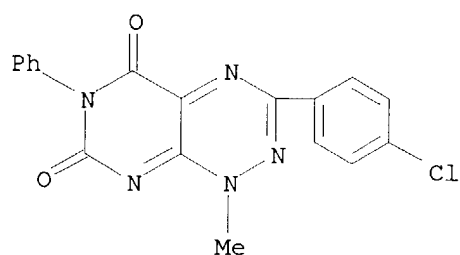


RN 148613-64-3 CAPLUS

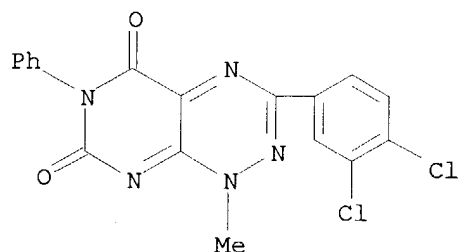
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



RN 148613-65-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)

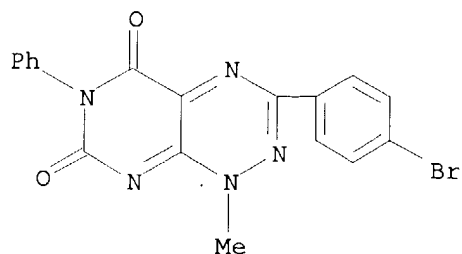


RN 148613-66-5 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



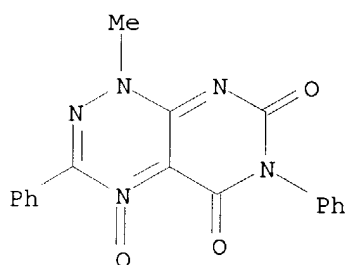
IT **148613-67-6P 148613-68-7P 148613-69-8P**
148613-70-1P 148613-71-2P 148613-72-3P
148613-73-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation, bactericidal and fungicidal activity, and reactions of)
 RN 148613-67-6 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)

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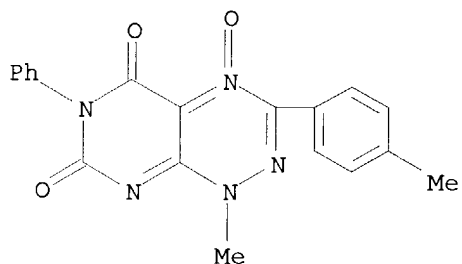
RN 148613-68-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3,6-diphenyl-, 4-oxide (9CI) (CA INDEX NAME)



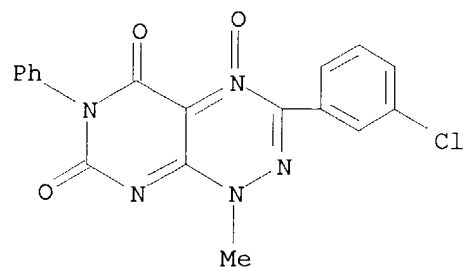
RN 148613-69-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(4-methylphenyl)-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



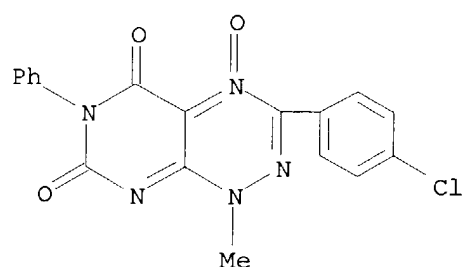
RN 148613-70-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



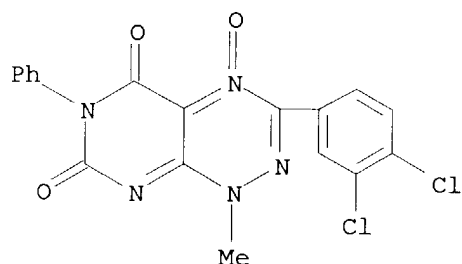
RN 148613-71-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 148613-72-3 CAPLUS

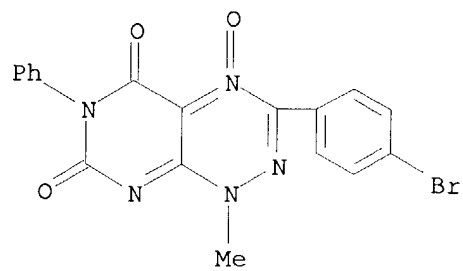
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



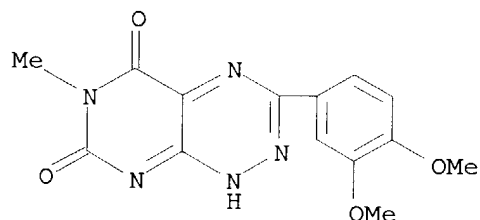
RN 148613-73-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-bromophenyl)-1-methyl-6-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

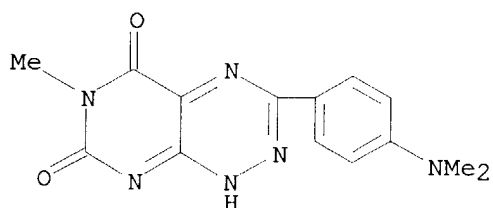
10/760,509



L5 ANSWER 27 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1992:633685 CAPLUS
DN 117:233685
TI Purines, pyrimidines, and their condensed analogs. IX. On the synthesis
of 1-R-pyrazolo[3,4-d]pyrimidine-4,6-diones
AU Smirnova, L. P.; Pozharskii, A. F.; Ivanova, I. A.; Chernyshev, A. I.
CS Rostov. Gos. Univ., Rostov, 344090, Russia
SO Khimiya Geterotsiklicheskikh Soedinenii (1992), (2), 219-24
CODEN: KGSSAQ; ISSN: 0132-6244
DT Journal
LA Russian
OS CASREACT 117:233685
IT **42285-79-0P 56189-61-8P 144294-65-5P**
144294-66-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 42285-79-0 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-6-
methyl- (9CI) (CA INDEX NAME)

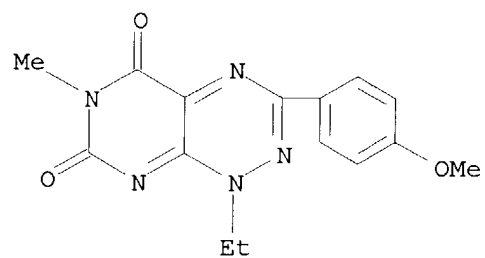


RN 56189-61-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-
(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)



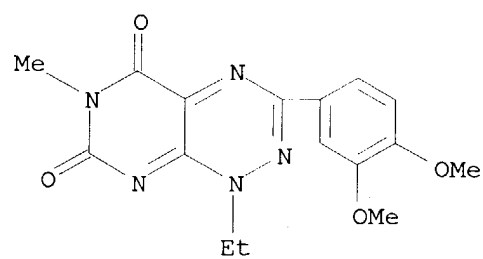
RN 144294-65-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-ethyl-3-(4-
methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)

10/760,509

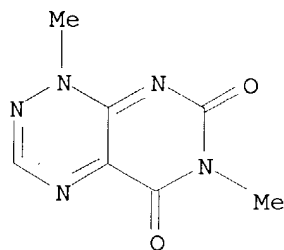


RN 144294-66-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1-ethyl-6-methyl- (9CI) (CA INDEX NAME)

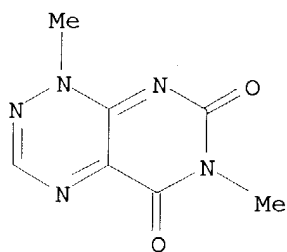


L5 ANSWER 28 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1992:606805 CAPLUS
DN 117:206805
TI Effect of toxoflavin on the action of xanthine oxidase
AU Ren, Weidong; Zhao, Naixin; Yun, Yunghua; Liu, Jinsheng; Liu, Dianshen
CS Weifang Med. Coll., Weifang, 261042, Peop. Rep. China
SO Shengwu Huaxue Yu Shengwu Wuli Jinzhan (1992), 19(2), 119-22
CODEN: SHYCD4; ISSN: 1000-3282
DT Journal
LA Chinese
IT **84-82-2**, Toxoflavin
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(xanthine oxidase response to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



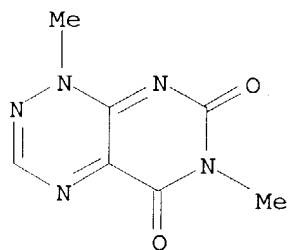
10/760,509

L5 ANSWER 29 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1991:552602 CAPLUS
DN 115:152602
TI Simultaneous determination of toxic metabolites by linear combination
derivative spectrophotometry
AU Lin, Liming; Zhao, Naixin
CS Weifang Drug Control Inst., Shandong, Peop. Rep. China
SO Analyst (Cambridge, United Kingdom) (1991), 116(9), 919-22
CODEN: ANALAO; ISSN: 0003-2654
DT Journal
LA English
IT **84-82-2**, Toxoflavin
RL: BIOL (Biological study)
(determination of bongkrelic acid and, by linear combination derivative
spectrophotometry)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



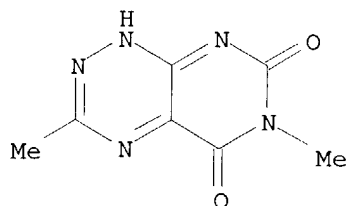
10/760,509

L5 ANSWER 30 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1991:508681 CAPLUS
DN 115:108681
TI Effect of toxoflavine on the respiratory oxygen consumption of
mitochondria
AU Li, Shujun; Wang, Jian; Xu, Yanan; Zhao, Naixin
CS Shanghai Inst. Plant Physiol., Acad. Sin, Shanghai, 200032, Peop. Rep.
China
SO Zhiwu Shenglixue Tongxun (1991), 27(1), 11-13
CODEN: CHWSAX; ISSN: 0412-0922
DT Journal
LA Chinese
IT **84-82-2**, Toxoflavine
RL: BIOL (Biological study)
(mitochondrial respiration response to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

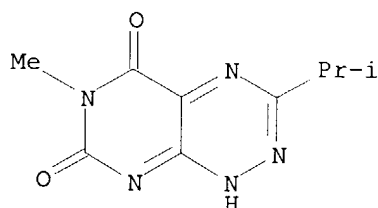


L5 ANSWER 31 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1991:247317 CAPLUS
 DN 114:247317
 TI Preparation of pyrimido[5,4-e]-as-triazine-5,7(6H,8H)-diones as herbicides
 IN Meyer, Norbert; Schirmer, Ulrich; Plath, Peter; Wuerzer, Bruno;
 Westphalen, Karl Otto; Pfleiderer, Wolfgang; Werner-Simon, Susanne
 PA BASF A.-G., Germany
 SO Eur. Pat. Appl., 19 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

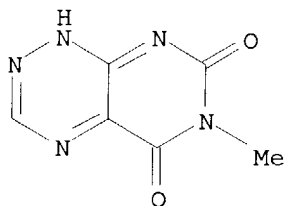
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 407888	A1	19910116	EP 1990-112821	19900705
	EP 407888	B1	19940309		
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	DE 3924845	A1	19910131	DE 1989-3924845	19890727
	US 5069708	A	19911203	US 1990-547160	19900703
PRAI	DE 1989-3923226		19890714		
	DE 1989-3924845		19890727		
OS	CASREACT 114:247317; MARPAT 114:247317				
IT	42285-75-6P 134048-75-2P				
	RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as herbicide)				
RN	42285-75-6 CAPLUS				
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-dimethyl- (9CI) (CA INDEX NAME)				



RN 134048-75-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(1-methylethyl)- (9CI) (CA INDEX NAME)

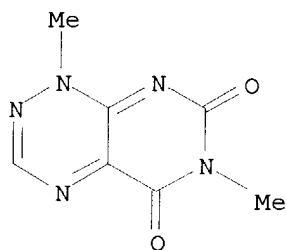


L5 ANSWER 32 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1991:203350 CAPLUS
DN 114:203350
TI Effect of the artificial electron acceptor reumicin on the nature of an
intermediate accumulated by *Pseudomonas aeruginosa*
AU Trutko, S. M.; Akimenko, V. K.
CS Inst. Biokhim. Fiziol. Mikroorg., Pushchino, USSR
SO Mikrobiologiya (1991), 60(1), 41-7
CODEN: MIKBA5; ISSN: 0026-3656
DT Journal
LA Russian
IT **5016-18-2**
RL: BIOL (Biological study)
(α -ketoglutarate and pyruvate formation by *Pseudomonas aeruginosa*
response to)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



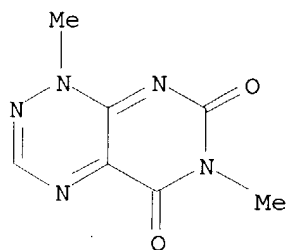
10/760,509

L5 ANSWER 33 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1990:590042 CAPLUS
DN 113:190042
TI Inhibition of bongkrek acid and toxoflavin production in tempe bongkrek
containing *Pseudomonas cocovenenans*
AU Buckle, K. A.; Kartadarma, E.
CS Dep. Food Sci. Technol., Univ. New South Wales, Kensington, 2033,
Australia
SO Journal of Applied Bacteriology (1990), 68(6), 571-6
CODEN: JABAA4; ISSN: 0021-8847
DT Journal
LA English
IT **84-82-2**
RL: FORM (Formation, nonpreparative)
(formation of, in coconut tempe bongkrek, inhibition of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

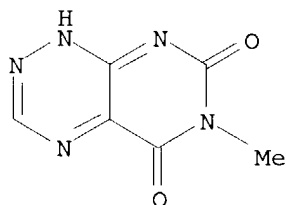


10/760,509

L5 ANSWER 34 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1990:33481 CAPLUS
DN 112:33481
TI Toxins produced by *Pseudomonas glumae*
AU Sato, Zenji; Koiso, Yukiko; Iwasaki, Shigeo; Matsuda, Izumi; Shirata, Akira
CS Natl. Inst. Agro-Environ. Sci., Tsukuba, 305, Japan
SO Nippon Shokubutsu Byori Gakkaiho (1989), 55(3), 353-6
CODEN: NSBGAM; ISSN: 0031-9473
DT Journal
LA Japanese
IT **84-82-2P**, Toxoflavin
RL: PUR (Purification or recovery); PREP (Preparation)
(from *Pseudomonas glumae*, isolation of, rice grain rot in relation to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

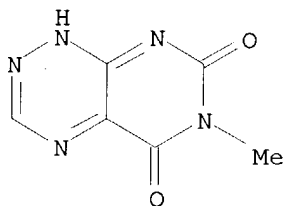


L5 ANSWER 35 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1989:594396 CAPLUS
DN 111:194396
TI Purines, pyrimidines and their condensed analogs. 6. Reactivity of 7- and 9-aminoxanthines with oxidants and electrophiles. Synthesis of antibiotics fervenulin and reumycin
AU Gulevskaya, A. V.; Kuz'menko, V. V.; Pozharskii, A. F.; Kuz'menko, T. A.; Shorshnev, S. V.; Chernyshev, A. I.; Klyuev, N. A.
CS Rostov. Gos. Univ., Rostov-on-Don, 344006, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1989), (1), 95-102
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
OS CASREACT 111:194396
IT **5016-18-2P**, Reumycin
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, by oxidation of aminoxanthines)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)

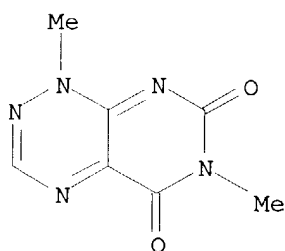


10/760,509

L5 ANSWER 36 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1989:533889 CAPLUS
DN 111:133889
TI Structure of covalent hydrates and products of acidic hydrolysis of
reumycin and fervenuline
AU Shorshnev, S. V.; Aleksandrov, G. G.; Esipov, S. E.; Klyuev, N. A.;
Chernyshev, A. I.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, 113105, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1988), (12), 1654-60
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
OS CASREACT 111:133889
IT **5016-18-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(covalent hydration of, by aqueous hydrochloric acid)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

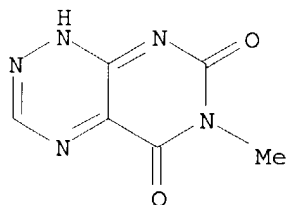


L5 ANSWER 37 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1989:513914 CAPLUS
DN 111:113914
TI Mutagenicity of toxoflavin from *Pseudomonas farinofermentans*
AU Yue, Qian; Zhao, Naixin; Wang, Yongzheng; Han, Liantang; Liu, Wensu
CS Dep. Microbiol., Weifang Med. Coll., Weifang, Peop. Rep. China
SO Zhonghua Yufang Yixue Zazhi (1989), 23(2), 77-9
CODEN: CHYCDW; ISSN: 0253-9624
DT Journal
LA Chinese
IT **84-82-2, Toxoflavin**
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(mutagenicity of, food contamination in relation to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

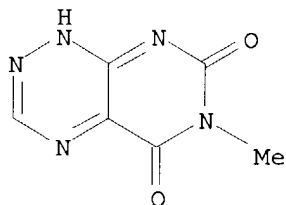


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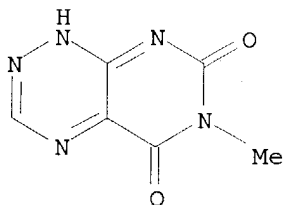
L5 ANSWER 38 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1989:477419 CAPLUS
DN 111:77419
TI Investigation of pyrimidotriazinedione protonation by proton and carbon-13
NMR
AU Shorshnev, S. V.; Esipov, S. E.; Chernyshev, A. I.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, 113105, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1988), (11), 1532-8
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
IT **5016-18-2**, Reumycin
RL: RCT (Reactant); RACT (Reactant or reagent)
(protonation of, equilibrium and regiochem. of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



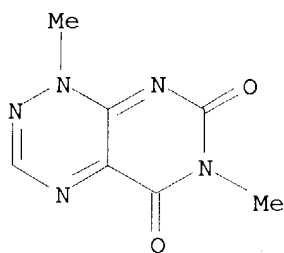
L5 ANSWER 39 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1989:88094 CAPLUS
DN 110:88094
TI Cross resistance pattern towards anticancer drugs of a human carcinoma
multidrug-resistant cell line
AU Gupta, R. S.; Murray, W.; Gupta, R.
CS Dep. Biochem., McMaster Univ., Hamilton, ON, L8N 3Z5, Can.
SO British Journal of Cancer (1988), 58(4), 441-7
CODEN: BJCAAI; ISSN: 0007-0920
DT Journal
LA English
IT **5016-18-2**, Reumycin
RL: BIOL (Biological study)
(puromycin-resistant human carcinoma cell line cross resistance to)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



L5 ANSWER 40 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1988:549140 CAPLUS
DN 109:149140
TI Structure of the xanthothricin-acetone adduct
AU Dovzhenko, S. A.; Esipov, S. E.; Aleksandrov, G. G.; Klyuev, N. A.;
Chernyshev, A. I.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki i Khimioterapiya (1988), 33(1), 30-3
CODEN: ANKHEW; ISSN: 0233-7525
DT Journal
LA Russian
IT **5016-18-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, from xanthotricin by demethylation, effect of acetone on)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

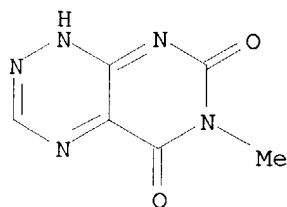


IT **84-82-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with acetone, during demethylation to rheumycin)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

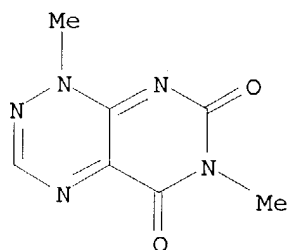


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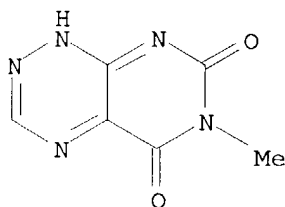
L5 ANSWER 41 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1988:548699 CAPLUS
DN 109:148699
TI Kinetics and mechanism of alkaline hydrolysis of reumycin
AU Shorshnev, S. V.; Chernyshev, A. I.; Esipov, S. E.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR
SO Kinetika i Kataliz (1988), 29(1), 66-9
CODEN: KNKTA4; ISSN: 0453-8811
DT Journal
LA Russian
IT **5016-18-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydrolytic ring cleavage of, kinetics of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



L5 ANSWER 42 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1988:204377 CAPLUS
DN 108:204377
TI An improved, large-scale synthesis of xanthothricin and reumycin
AU Black, T. Howard
CS Dep. Chem., East. Illinois Univ., Charleston, IL, 61920, USA
SO Journal of Heterocyclic Chemistry (1987), 24(5), 1373-5
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 108:204377
IT **84-82-2P**, Xanthothricin
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and demethylation of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

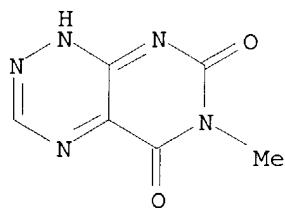


IT **5016-18-2P**, Reumycin
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

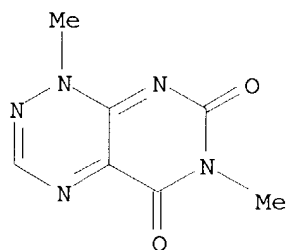


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L5 ANSWER 43 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1988:167430 CAPLUS
DN 108:167430
TI Intermediates in the transformation of pyrimido[5,4-e]-1,2,4-
triazinediones into imidazo[4,5-e]-1,2,4-triazinones
AU Shorshnev, S. V.; Esipov, S. E.; Yakushkina, N. I.; Klyuev, N. A.;
Zhil'nikov, V. G.; Chernyshev, A. I.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, 113105, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1987), (9), 1252-9
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
OS CASREACT 108:167430
IT **5016-18-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(ring contraction of, by aqueous base)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

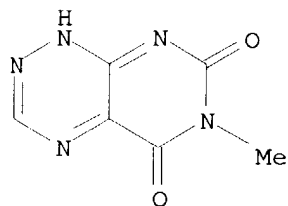


L5 ANSWER 44 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1988:164619 CAPLUS
DN 108:164619
TI MM 42842, a new member of the monobactam family produced by *Pseudomonas cocovenenans*. I. Identification of the producing organism
AU Gwynn, Michael N.; Box, Stephen J.; Brown, Allan G.; Gilpin, Martin L.
CS Beecham Pharm., Chemotherap. Res. Cent., Betchworth/Surrey, RH3 7AJ, UK
SO Journal of Antibiotics (1988), 41(1), 1-6
CODEN: JANTAJ; ISSN: 0021-8820
DT Journal
LA English
IT **84-82-2**
RL: FORM (Formation, nonpreparative)
(formation of, by *Pseudomonas cocovenenans*, taxonomy in relation to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



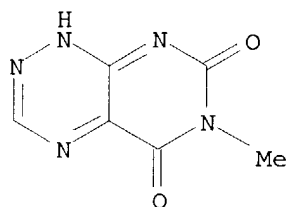
10/760,509

L5 ANSWER 45 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1988:116334 CAPLUS
DN 108:116334
TI Metal solubility by mycelial waste from antibiotic manufacturing
AU Vernikova, L. M.; Bodop'yanova, L. S.; Krymskii, M. V.; Karpukhin, V. F.;
Semenova, L. E.; Kalinina, N. M.
CS Mosk. Geologorazved. Inst., Moscow, USSR
SO Khimiko-Farmatsevticheskii Zhurnal (1987), 21(12), 1475-8
CODEN: KHFZAN; ISSN: 0023-1134
DT Journal
LA Russian
IT **5016-18-2P**, Reumycin
RL: PREP (Preparation)
(mycelial waste from manufacture of, gold dissoln. in, for recovery from
ores)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

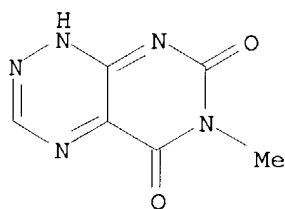


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L5 ANSWER 46 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:156125 CAPLUS
DN 106:156125
TI NMR spectroscopic investigation of reumycin alkaline hydrolysis
AU Shorshnev, S. V.; Esipov, S. E.; Chernyshev, A. I.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1987), 32(2), 116-20
CODEN: AMBIEH; ISSN: 0233-7525
DT Journal
LA Russian
IT **5016-18-2**, Reumycin
RL: RCT (Reactant); RACT (Reactant or reagent)
(alkaline hydrolysis of, NMR spectroscopic study of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

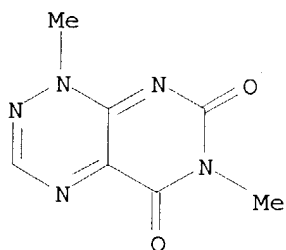


L5 ANSWER 47 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:156124 CAPLUS
DN 106:156124
TI Structure and physicochemical properties of reumycin isolated molecules
AU Sheina, G. G.; Esipov, S. E.; Ivanov, A. Yu.; Stepanyan, S. G.
CS Inst. Low Temp. Phys. Eng., Kharkov, USSR
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1987), 32(2), 111-15
CODEN: AMBIEH; ISSN: 0233-7525
DT Journal
LA Russian
IT **5016-18-2**, Reumycin
RL: PRP (Properties)
(structure and physicochem. properties of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



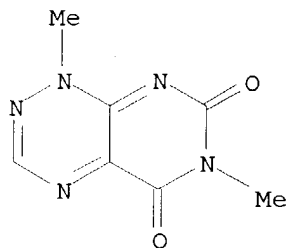
10/760,509

L5 ANSWER 48 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:50161 CAPLUS
DN 106:50161
TI Chemical study of pyrimido[5,4-e]1,2,4-triazines. Structure of product of xanthothricin transformation in aqueous solutions of amines
AU Dovzhenko, S. A.; Pozmogova, G. E.; Esipov, S. E.; Aleksandrov, G. G.; Klyuev, N. A.; Chernyshev, A. I.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1986), 31(4), 258-61
CODEN: AMBIEH; ISSN: 0233-7525
DT Journal
LA Russian
IT **84-82-2**, Xanthothricin
RL: RCT (Reactant); RACT (Reactant or reagent)
(demethylation of, by aqueous diethylamine)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



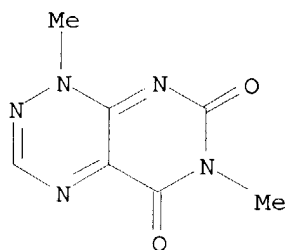
10/760,509

L5 ANSWER 49 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1986:608835 CAPLUS
DN 105:208835
TI X-ray analysis of xanthothricin and fervenulin, pyrimido[5,4-e]-1,2,4-
triazine antibiotics
AU Aleksandrov, G. G.; Esipov, S. E.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1986), 31(3), 181-4
CODEN: AMBIEH; ISSN: 0233-7525
DT Journal
LA Russian
IT **84-82-2**
RL: PROC (Process)
(x-ray anal. of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

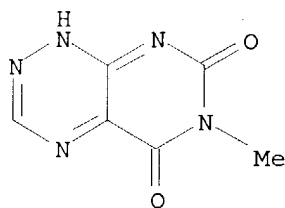


10/760,509

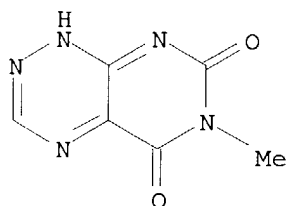
L5 ANSWER 50 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1986:568551 CAPLUS
DN 105:168551
TI Growth and toxin production of *Pseudomonas cocovenenans*, the so-called
"bongkrek bacteria"
AU Ko, Swan Djien
CS Dep. Food Sci., Agric. Univ., Wageningen, Neth.
SO ASEAN Food Journal (1985), 1(2), 78-84
CODEN: AFJREQ; ISSN: 0127-7324
DT Journal
LA English
IT **84-82-2**
RL: FORM (Formation, nonpreparative)
(formation of, by *Pseudomonas cocovenenans*, tempe bongkrek food
poisoning in relation to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



L5 ANSWER 51 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:589153 CAPLUS
DN 103:189153
TI Clinical pharmacokinetics of reumycin, an antitumor antibiotic: analysis
of individual variability
AU Firsov, A. A.; Geodakyan, S. V.; Lichinitser, M. R.; Shutka, V. Ya.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1985), 30(8), 604-8
CODEN: AMBIEH; ISSN: 0233-7525
DT Journal
LA Russian
IT **5016-18-2**
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(pharmacokinetics of, in humans)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

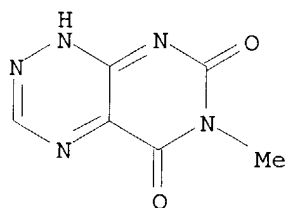


L5 ANSWER 52 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:504756 CAPLUS
DN 103:104756
TI Mechanism of conversion of pyrimido[5,4-e]-1,2,4-triazine-5,7-diones to
imidazo[4,5-e]-1,2,4-triazin-6-ones in alkaline media
AU Chernyshev, A. I.; Shorshnev, S. V.; Yakushina, N. I.; Esipov, S. E.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, 113105, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1985), (2), 277-8
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
OS CASREACT 103:104756
IT **5016-18-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(ring contraction of, in alkaline medium, mechanism of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



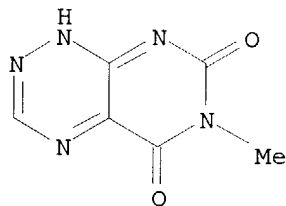
10/760,509

L5 ANSWER 53 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:432034 CAPLUS
DN 103:32034
TI The effect of antitumor drugs on the dynamics of energy metabolism in
hepatoma 22-a cells studied by the phosphorus-31 NMR method
AU Dubinskii, V. Z.; Semenova, N. A.; Sibel'dina, L. A.
CS Inst. Khim. Fiz., Moscow, USSR
SO Doklady Akademii Nauk SSSR (1985), 281(1), 180-3 [Biophys.]
CODEN: DANKAS; ISSN: 0002-3264
DT Journal
LA Russian
IT **5016-18-2**
RL: BIOL (Biological study)
(energy metabolism response to, in hepatoma 22-a)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

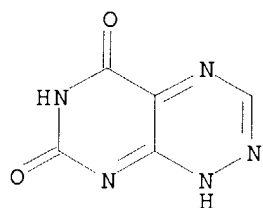


10/760,509

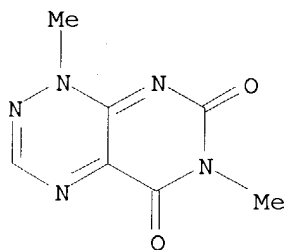
L5 ANSWER 54 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:416349 CAPLUS
DN 103:16349
TI Experimental pharmacokinetics of reumycin, a new antitumor antibiotic:
simulation of pharmacokinetic profiles in humans
AU Firsov, A. A.; Geodakyan, S. V.; Terent'eva, T. G.; Fomina, I. P.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1985), 30(4), 296-301
CODEN: AMBIEH; ISSN: 0233-7525
DT Journal
LA Russian
IT **5016-18-2**
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
(Biological study); PROC (Process)
(pharmacokinetics of, in humans)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



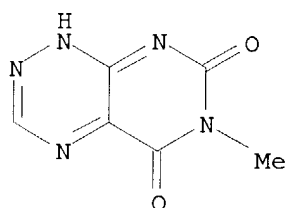
L5 ANSWER 55 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:200119 CAPLUS
DN 102:200119
TI Reactions between xanthine oxidase and 4-hydroxy-7-azapteridine
AU Stewart, Richard C.; Massey, Vincent
CS Dep. Biol. Chem., Univ. Michigan, Ann Arbor, MI, USA
SO Flavins Flavoproteins, Proc. Int. Symp., 8th (1984), 687-90. Editor(s):
Bray, Robert C.; Engel, Paul C.; Mayhew, Stephen G. Publisher: de Gruyter,
Berlin, Fed. Rep. Ger.
CODEN: 53HMAL
DT Conference
LA English
IT **19359-69-4**
RL: PRP (Properties)
(visible spectrum of)
RN 19359-69-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione (9CI) (CA INDEX NAME)



L5 ANSWER 56 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:172525 CAPLUS
DN 102:172525
TI NMR spectroscopic study of stability of pyrimido[5,4-e]-1,2,4-triazine
antibiotics in acid-base media
AU Esipov, S. E.; Chernyshev, A. I.; Shorshnev, S. V.; Yakushkina, N. I.;
Antonovskii, V. L.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki i Meditsinskaya Biotekhnologiya (1985), 30(2), 122-4
CODEN: AMBIEH; ISSN: 0233-7525
DT Journal
LA Russian
IT **84-82-2 5016-18-2**
RL: PRP (Properties)
(stability of, in acid-base solns., NMR in study of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

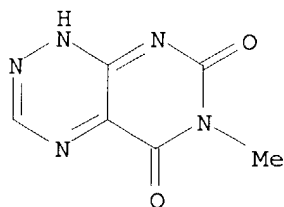


RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



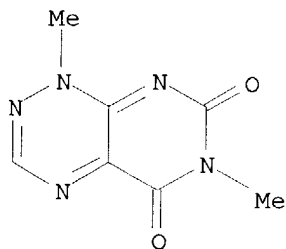
10/760,509

L5 ANSWER 57 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1984:522693 CAPLUS
DN 101:122693
TI Experimental study of the effect of reumycin effect on blood
AU Svinogeeva, T. P.; Berezina, E. K.; Raiko, L. I.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki (Moscow) (1984), 29(7), 516-19
CODEN: ANTBAL; ISSN: 0003-5637
DT Journal
LA Russian
IT **5016-18-2**
RL: PRP (Properties)
(toxicity of, to blood and bone marrow)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

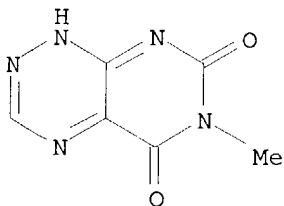


10/760,509

L5 ANSWER 58 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1983:416168 CAPLUS
DN 99:16168
TI Free radical mechanisms of action of pyrimidotriazine antibiotics
AU Orlov, V. S.; Bogdanov, G. N.; Emanuel, N. M.; Esipov, S. E.; Navashin, S. M.
CS Inst. Chem. Phys., Chernogolovka, USSR
SO Bioorganicheskaya Khimiya (1983), 9(4), 556-60
CODEN: BIKHD7; ISSN: 0132-3423
DT Journal
LA Russian
IT **84-82-2 5016-18-2**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(neoplasm-inhibiting activity of, anion radical formation in relation to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

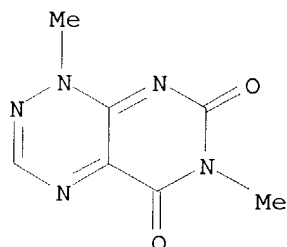


RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)



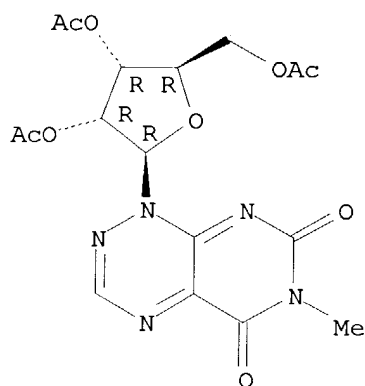
10/760,509

L5 ANSWER 59 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1982:596960 CAPLUS
DN 97:196960
TI Determination of bongkreic acid and toxoflavin by high pressure liquid chromatography
AU Voragen, A. G. J.; De Kok, H. A. M.; Kelholt, A. J.; Schols, H. A.; Djien, Ko Swan
CS Dep. Food Sci., Agric. Univ., Wageningen, Neth.
SO Food Chemistry (1982), 9(3), 167-74
CODEN: FOCHDJ; ISSN: 0308-8146
DT Journal
LA English
IT **84-82-2**
RL: ANT (Analyte); ANST (Analytical study)
(determination of, in coconut fermented bongkrek, by high-performance liquid chromatog.)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



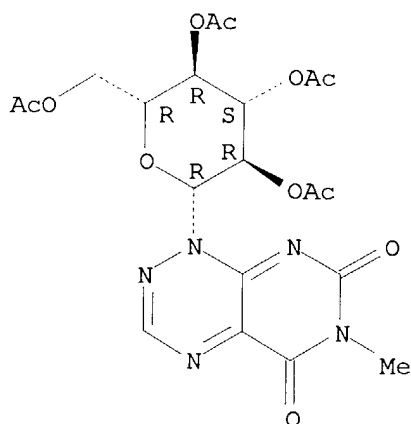
L5 ANSWER 60 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1982:85869 CAPLUS
 DN 96:85869
 TI Synthesis of reumycin glycoside derivatives
 AU Mel'nik, S. Ya.; Bakhmedova, A. A.; Volodin, Yu. Yu.; Preobrazhenskaya, M. N.; Chernyshev, A. I.; Esipov, S. E.; Navashin, S. M.
 CS All-Union Cancer Res. Cent., Moscow, USSR
 SO Bioorganicheskaya Khimiya (1981), 7(11), 1723-30
 CODEN: BIKHD7; ISSN: 0132-3423
 DT Journal
 LA Russian
 IT **80763-46-8P 80763-48-0P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 80763-46-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(2,3,5-tri-O-acetyl- β -D-ribofuranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 80763-48-0 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(2,3,4,6-tetra-O-acetyl- β -D-glucopyranosyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

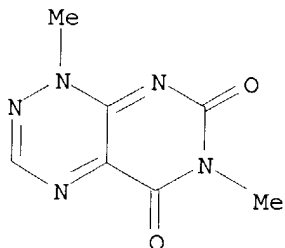


IT **84-82-2**

RL: RCT (Reactant); RACT (Reactant or reagent)
(structure of reumycin glycosides in relation to)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

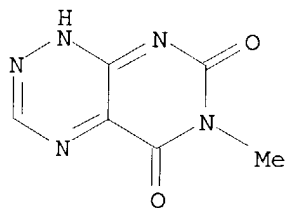


IT **5016-18-2**

RL: RCT (Reactant); RACT (Reactant or reagent)
(trimethylsilylation of)

RN 5016-18-2 CAPLUS

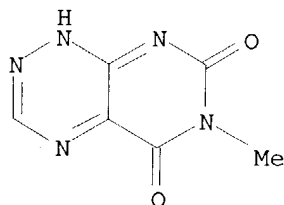
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



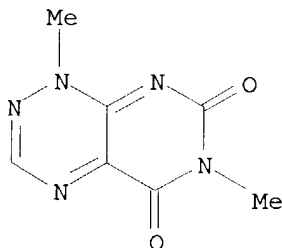
10/760,509

L5 ANSWER 61 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1982:18656 CAPLUS
DN 96:18656
TI Reumycin
IN Esipov, S. E.; Kolosov, M. N.; Belyakova, L. G.
PA Institute of Biochemistry and Physiology of Microorganisms, Academy of
Sciences, U.S.S.R., USSR
SO U.S.S.R.
From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1981, (33), 315.
CODEN: URXXAF
DT Patent
LA Russian
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 558533	A1	19810907	SU 1972-1853249	19721207
PRAI	SU 1972-1853249		19721207		
OS	CASREACT 96:18656				
IT	5016-18-2P				
	RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation) (manufacture of, from xanthothricin)				
RN	5016-18-2 CAPLUS				
CN	Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)				



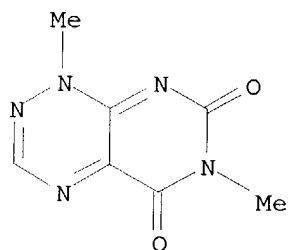
IT **84-82-2**
RL: BIOL (Biological study)
(reumycin production from)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



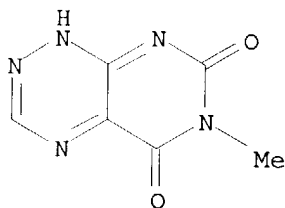
10/760,509

L5 ANSWER 62 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1982:6775 CAPLUS
DN 96:6775
TI Reumycin
IN Esipov, S. E.; Kolosov, M. N.; Belyakova, L. G.; Baskunov, B. P.
PA Institute of Biochemistry and Physiology of Microorganisms, Academy of
Sciences, U.S.S.R., USSR
SO U.S.S.R.
From: Otkrytiya, Izobret., Prom. Obratzy, Tovarnye Znaki 1981, (33), 312.
CODEN: URXXAF
DT Patent
LA Russian
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI SU 583613	A1	19810907	SU 1976-2364095	19760525
PRAI SU 1976-2364095		19760525		
OS CASREACT 96:6775				
IT 84-82-2				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(demethylation of, with primary or secondary amines)				
RN 84-82-2 CAPLUS				
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)				

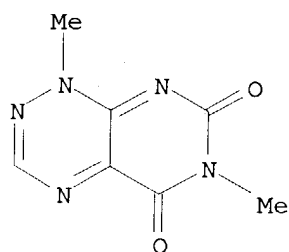


IT **5016-18-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, by demethylation of xanthothricin with primary or secondary
amines)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

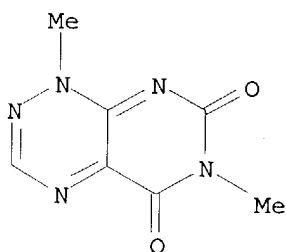


10/760,509

L5 ANSWER 63 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1982:6046 CAPLUS
DN 96:6046
TI Radical anion generation from antibiotics of the pyrimido[5,4-e]
1,2,4-triazine group
AU Kazakova, V. M.; Makarov, I. G.; Minina, N. E.; Esipov, S. E.; Chernyshev,
A. I.
CS M. V. Lomonosov Inst. Fine Chem. Technol., Moscow, USSR
SO Bioorganicheskaya Khimiya (1981), 7(9), 1404-8
CODEN: BIKHD7; ISSN: 0132-3423
DT Journal
LA Russian
IT **49700-73-4**
RL: PRP (Properties)
(ESR of)
RN 49700-73-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, radical
ion(1-) (9CI) (CA INDEX NAME)

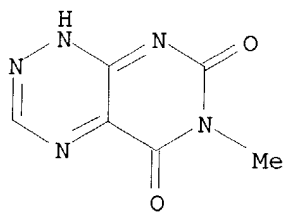


IT **84-82-2 5016-18-2**
RL: PRP (Properties)
(polarog. of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



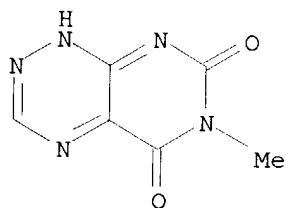
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

10/760,509



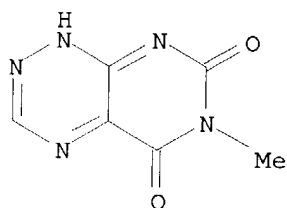
10/760,509

L5 ANSWER 64 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1982:374 CAPLUS
DN 96:374
TI Effect of reumycin, proxifeine, and prospidin on the growth of
transplanted brain tumors in rats
AU Romodanov, A. P.; Verkhoglyadova, T. P.; Annin, E. A.
CS Res. Inst. Neurosurg., Kiev, USSR
SO Eksperimental'naya Onkologiya (1981), 3(5), 71-3
CODEN: EKSODD; ISSN: 0204-3564
DT Journal
LA Russian
IT **5016-18-2**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(antitumor activity of, after intrathecal administration)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



10/760,509

L5 ANSWER 65 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1981:473566 CAPLUS
DN 95:73566
TI Methods for screening and studying the specific activity of some
antineoplastic antibiotics
AU Navashin, S. M.; Ivanitskaya, L. P.; Terent'eva, T. G.; Egorov, L. V.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR
SO Farmatsiya (Moscow, Russian Federation) (1981), 30(3), 55-7
CODEN: FRMTAL; ISSN: 0367-3014
DT Journal
LA Russian
IT **5016-18-2**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(neoplasm inhibition by)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



10/760,509

L5 ANSWER 66 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1981:443176 CAPLUS
DN 95:43176
TI Preparation of reumycin
IN Esipov, S. E.; Kolosov, M. N.; Belyakova, L. G.; Baskunov, B. P.;
Gorokhova, T. I.; Saburova, L. A.; Terent'ev, T. G.; Navashin, S. M.
PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of
Biochemistry and Physiology of Microorganisms, Academy of Sciences,
U.S.S.R.
SO Brit. UK Pat. Appl., 6 pp.
CODEN: BAXXDU
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2039883	A	19800820	GB 1979-1170	19790112
	GB 2039883	B2	19821201		
	FR 2446836	A1	19800814	FR 1979-1536	19790122
	FR 2446836	B1	19830107		
PRAI	GB 1979-1170		19790112		

IT **77154-75-7DP**, derivs.

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediates in preparation of reumycin)

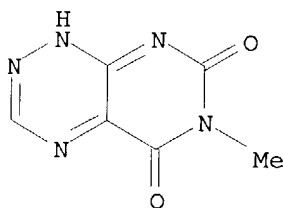
RN 77154-75-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-, compd. with
methanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 5016-18-2

CMF C6 H5 N5 O2



CM 2

CRN 74-89-5

CMF C H5 N

H₃C-NH₂

IT **5016-18-2P**

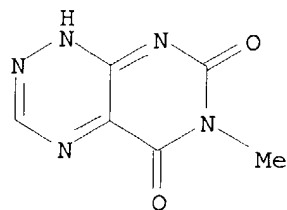
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, from xanthothricin via quaternary ammonium salts)

RN 5016-18-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA

10/760,509

INDEX NAME)



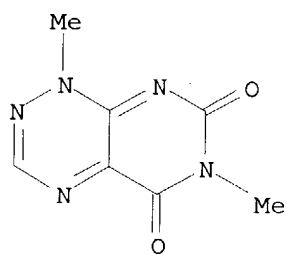
IT **84-82-2**

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with amines, in reumycin preparation)

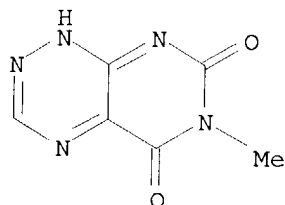
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



10/760,509

L5 ANSWER 67 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1981:424999 CAPLUS
DN 95:24999
TI Study of reduction products of the antibiotic reumycin
(6-methylpyrimido[5,4-e][1,2,4]triazine-5,7-dione)
AU Esipov, S. E.; Klyuev, N. A.; Saburova, L. A.; Adanin, V. M.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR
SO Khimiya Prirodnkh Soedinenii (1981), (1), 85-95
CODEN: KPSUAR; ISSN: 0023-1150
DT Journal
LA Russian
IT **5016-18-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydrogenation of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



L5 ANSWER 68 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1981:207141 CAPLUS
 DN 94:207141
 TI Preparation of xanthothricin
 IN Semenova, V. A.; Taig, M. M.; Solov'eva, N. K.; Kolosov, M. N.;
 Terent'eva, T. G.; Navashin, S. M.; Esipov, S. E.; Belyakova, L. G.;
 Saburova, L. A.; Gorokhova, T. I.
 PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of
 Biochemistry and Physiology of Microorganisms, Academy of Sciences,
 U.S.S.R.
 SO Brit. UK Pat. Appl., 6 pp.
 CODEN: BAXXDU
 DT Patent
 LA English
 FAN.CNT 1

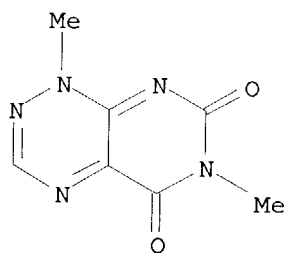
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	GB 2040281	A	19800828	GB 1979-1506	19790116
	GB 2040281	B2	19821215		
PRAI	GB 1979-1506		19790116		
IT	84-82-2P				

RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP
 (Preparation)

(manufacture of, by *Streptomyces brunneus xanthothricini*)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
 INDEX NAME)



10/760,509

L5 ANSWER 69 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1981:84156 CAPLUS
DN 94:84156
TI Reumycin
PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of Biochemistry and Physiology of Microorganisms, Academy of Sciences, U.S.S.R.
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

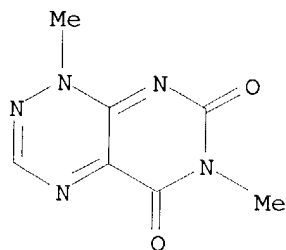
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55102580	A2	19800805	JP 1979-9303	19790131
	JP 63046757	B4	19880919		
PRAI	JP 1979-9303		19790131		

IT **84-82-2**

RL: RCT (Reactant); RACT (Reactant or reagent)
(demethylation of, reumycin from)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

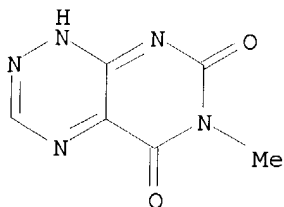


IT **5016-18-2P**

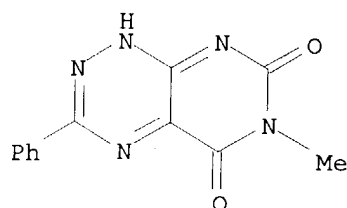
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 5016-18-2 CAPLUS

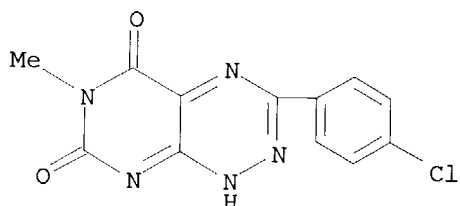
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)



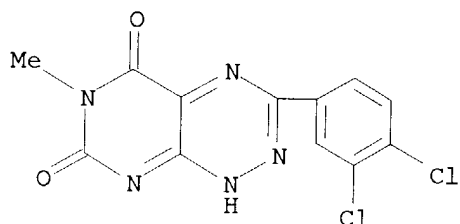
L5 ANSWER 70 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1981:47272 CAPLUS
 DN 94:47272
 TI Synthesis of some 5H-imidazo[4,5-e]-as-triazin-6(7H)-ones
 (6-azapurin-8-ones)
 AU Yoneda, Fumio; Higuchi, Masatsugu; Nitta, Yoshihiro
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, 862, Japan
 SO Journal of Heterocyclic Chemistry (1980), 17(5), 869-71
 CODEN: JHTCAD; ISSN: 0022-152X
 DT Journal
 LA English
 OS CASREACT 94:47272
 IT **42285-76-7P 42285-77-8P 42285-78-9P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reaction with alkyl iodides)
 RN 42285-76-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
 (CA INDEX NAME)



RN 42285-77-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-
 methyl- (9CI) (CA INDEX NAME)



RN 42285-78-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-
 methyl- (9CI) (CA INDEX NAME)



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10/760,509

L5 ANSWER 71 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1980:586415 CAPLUS
DN 93:186415
TI Reumycin
IN Esipov, S. E.; Kolosov, M. N.; Belyakova, L. G.; Baskunov, B. P.;
Gorokhova, T. I.; Saburova, L. A.; Terent'eva, T. G.; Navashin, S. M.
PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of
Biochemistry and Physiology of Microorganisms, Academy of Sciences,
U.S.S.R.
SO Ger. Offen., 14 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

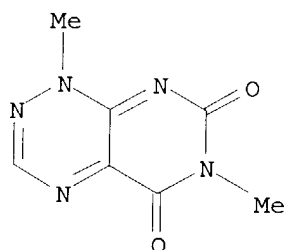
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2901537	A1	19800724	DE 1979-2901537	19790116
	DE 2901537	C2	19881027		
PRAI	DE 1979-2901537		19790116		

IT **84-82-2**

RL: RCT (Reactant); RACT (Reactant or reagent)
(demethylation of, by amine, reumycin from)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

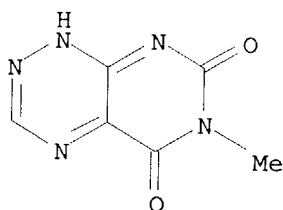


IT **5016-18-2P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and cytostatic activity of)

RN 5016-18-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



10/760,509

L5 ANSWER 72 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1980:584281 CAPLUS
DN 93:184281
TI Antibiotic xanthothricin
PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of Biochemistry and Physiology of Microorganisms, Academy of Sciences, U.S.S.R.

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55102395	A2	19800805	JP 1979-9304	19790131
	JP 61030558	B4	19860714		
PRAI	JP 1979-9304		19790131		

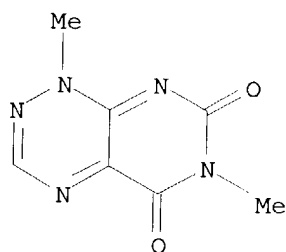
IT **84-82-2P**

RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation)

(manufacture of, with Streptomyces brunneus)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



L5 ANSWER 73 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1980:548121 CAPLUS
 DN 93:148121
 TI Xanthothricin
 IN Semenova, V. A.; Taig, M. M.; Solov'eva, N. K.; Kolosov, M. N.; Esipov, S. E.; Belyakova, L. G.; Saburova, L. A.; Gorokhova, T. I.; Terent'eva, T. G.; Navashin, S. M.
 PA All-Union Scientific-Research Institute of Antibiotics, USSR; Institute of Biochemistry and Physiology of Microorganisms, Academy of Sciences, U.S.S.R.
 SO Ger. Offen., 14 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

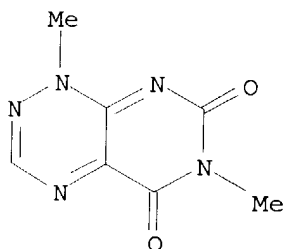
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 2901392	A1	19800724	DE 1979-2901392	19790115
	FR 2446860	A1	19800814	FR 1979-1394	19790119
	FR 2446860	B1	19830805		
PRAI	DE 1979-2901392		19790115		

IT **84-82-2P**

RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP
 (Preparation)
 (manufacture of, with Streptomyces brunneus)

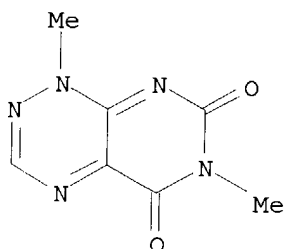
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
 INDEX NAME)

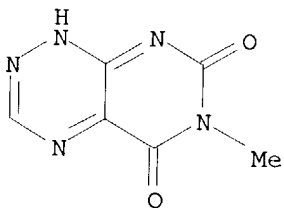


10/760,509

L5 ANSWER 74 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1980:127966 CAPLUS
DN 92:127966
TI Mass-spectrometric study of antibiotics of the pyrimido[5,4-e]-as-triazine series
AU Adanin, V. M.; Esipov, S. E.; Zyakun, A. M.; Klyuev, N. A.; Saburova, C. A.; Bondar, V. A.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1979), (9), 1270-7
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
IT **84-82-2 5016-18-2 73011-37-7**
73011-40-2
RL: PRP (Properties)
(mass spectrum of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

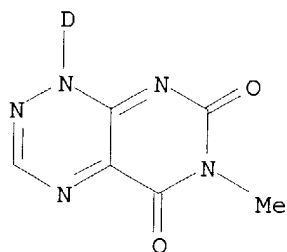


RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)

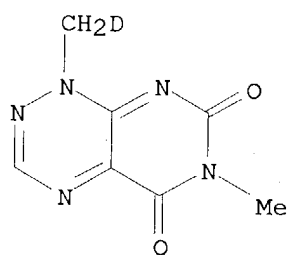


RN 73011-37-7 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione-1-d, 6-methyl- (9CI) (CA INDEX NAME)

10/760,509

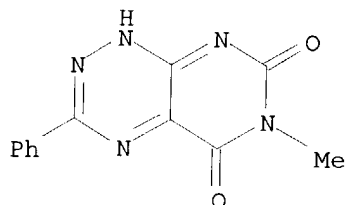


RN 73011-40-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-1-(methyl-d)-
(9CI) (CA INDEX NAME)

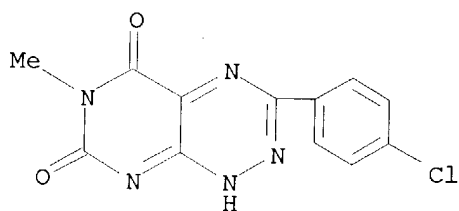


10/760,509

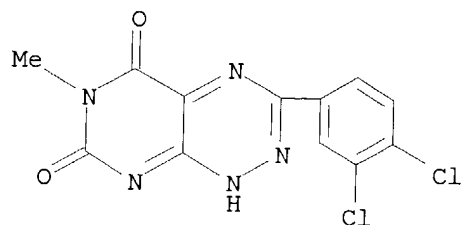
L5 ANSWER 75 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1979:54914 CAPLUS
DN 90:54914
TI Synthesis of imidazo[4,5-e]-as-triazine (6-azapurine) derivatives
AU Yoneda, Fumio; Noguchi, Mitsuko; Noda, Mitsue; Nitta, Yoshihiro
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Chemical & Pharmaceutical Bulletin (1978), 26(10), 3154-60
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 90:54914
IT **42285-76-7P 42285-77-8P 42285-78-9P**
56098-06-7P 56098-14-7P 56189-61-8P
68981-34-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and rearrangement of, azapurine derivative from)
RN 42285-76-7 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
(CA INDEX NAME)



RN 42285-77-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)

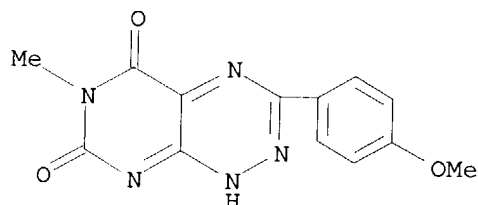


RN 42285-78-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



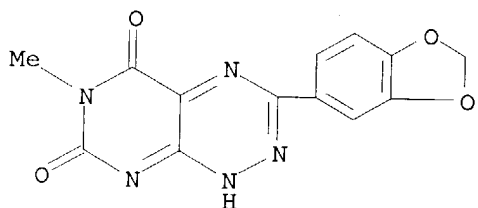
RN 56098-06-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



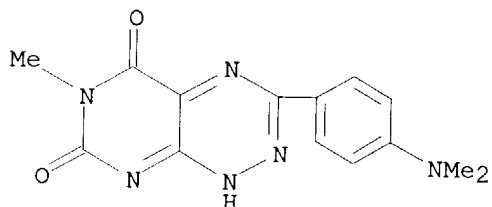
RN 56098-14-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(1,3-benzodioxol-5-yl)-6-methyl- (9CI) (CA INDEX NAME)



RN 56189-61-8 CAPLUS

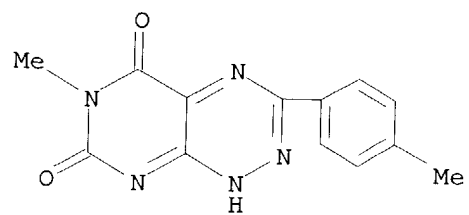
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)



RN 68981-34-0 CAPLUS

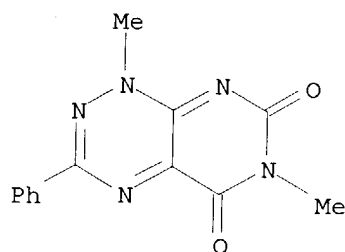
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(4-methylphenyl)- (9CI) (CA INDEX NAME)

10/760,509

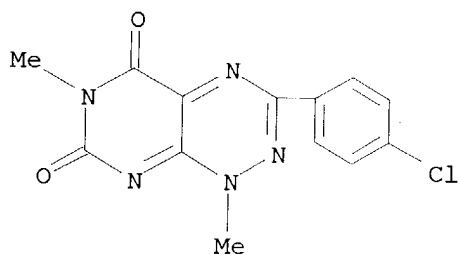


10/760,509

L5 ANSWER 76 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1978:507158 CAPLUS
DN 89:107158
TI Magnetic circular dichroism spectra of some 3-arylferavenulins and
3-aryltioxoflavins
AU Yamaguchi, H.; Kuwata, R.; Yoneda, F.
CS Fac. Sci., Kumamoto Univ., Kumamoto, Japan
SO Journal of Heterocyclic Chemistry (1978), 15(4), 615-18
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
IT **32502-63-9 42285-61-0 52348-60-4**
RL: PRP (Properties)
(magnetic CD of)
RN 32502-63-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-
(9CI) (CA INDEX NAME)

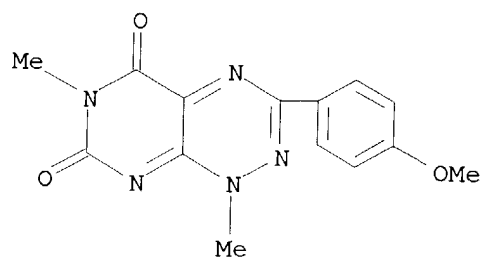


RN 42285-61-0 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-
dimethyl- (9CI) (CA INDEX NAME)



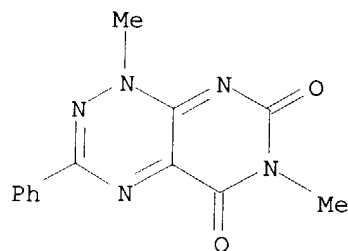
RN 52348-60-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-
dimethyl- (9CI) (CA INDEX NAME)

10/760,509

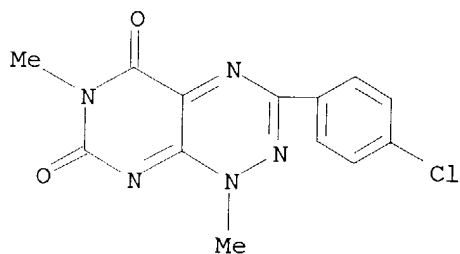


10/760,509

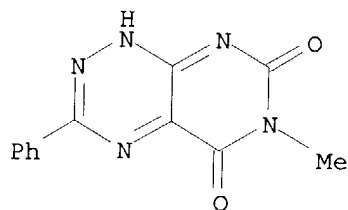
L5 ANSWER 77 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1977:139991 CAPLUS
DN 86:139991
TI Syntheses of isoalloxazines, alloxazines, toxoflavines, and fervenulins by
oxidative cyclization of the Michael-type adducts from substituted
6-aminouracils and azo-compounds
AU Yoneda, Fumio; Sakuma, Yoshiharu; Nagamatsu, Tomohisa; Mizumoto, Shunjiro
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
Bio-Organic Chemistry (1972-1999) (1976), (22), 2398-402
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
IT **32502-63-9P 42285-61-0P 42285-76-7P**
52199-05-0P 52199-06-1P 52348-60-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 32502-63-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-
(9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-
dimethyl- (9CI) (CA INDEX NAME)

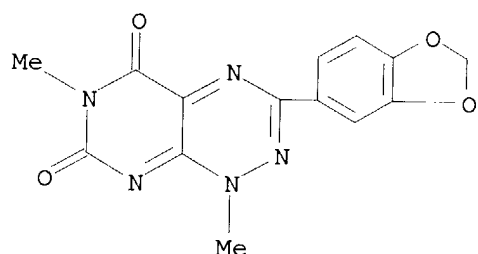


RN 42285-76-7 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
(CA INDEX NAME)



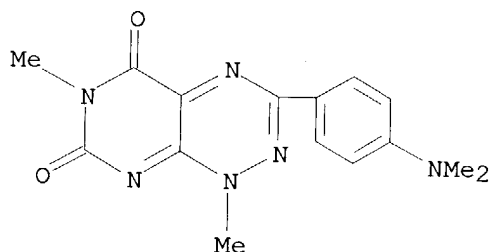
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



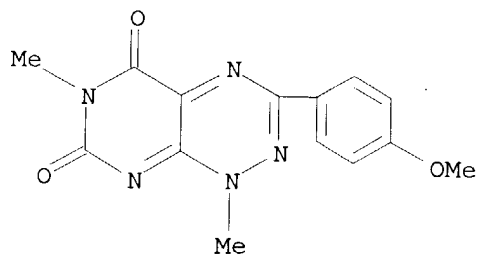
RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52348-60-4 CAPLUS

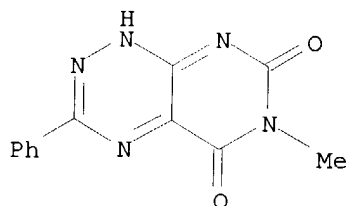
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



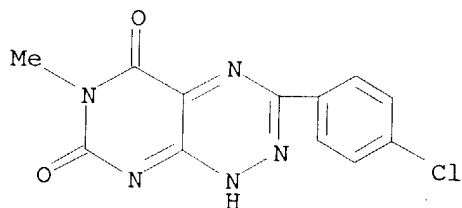
10/760,509

10/760,509

L5 ANSWER 78 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1977:43664 CAPLUS
DN 86:43664
TI A transformation of 7-azapteridines into 6-azapurines (imidazo[4,5-e]-as-triazines)
AU Yoneda, Fumio; Kawamura, Mitsuko; Nagamatsu, Tomohisa; Kuretani, Kazuo; Hoshi, Akio; Iigo, Masaaki
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Heterocycles (1976), 4(9), 1503-8
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English
OS CASREACT 86:43664
IT **42285-76-7P 42285-77-8P 42285-78-9P**
56098-06-7P 56098-14-7P 56189-61-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and ring contraction of, with base)
RN 42285-76-7 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
(CA INDEX NAME)

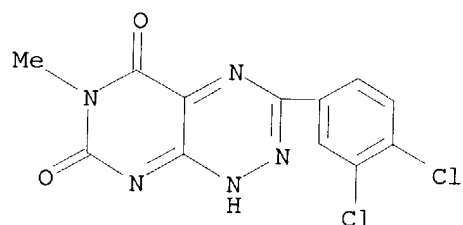


RN 42285-77-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



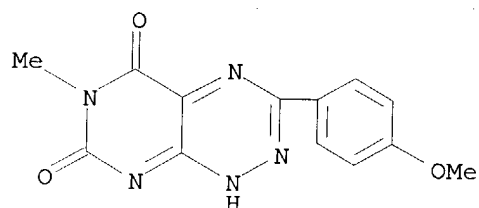
RN 42285-78-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)

10/760,509



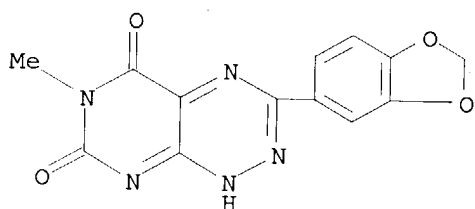
RN 56098-06-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



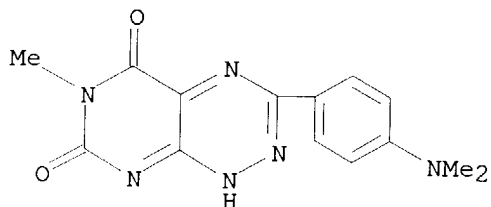
RN 56098-14-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(1,3-benzodioxol-5-yl)-6-methyl- (9CI) (CA INDEX NAME)



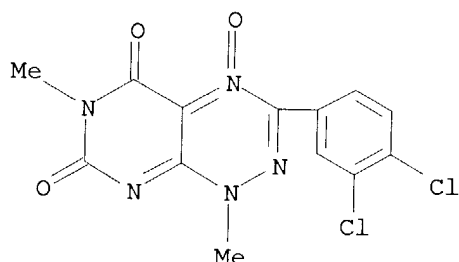
RN 56189-61-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)

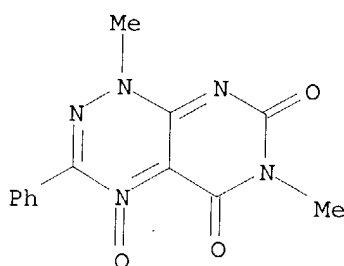


10/760,509

L5 ANSWER 79 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1977:43663 CAPLUS
DN 86:43663
TI 6-Azapurines (imidazo[4,5-e]-as-triazines)
AU Yoneda, Fumio; Nagamura, Tetsuya; Kawamura, Mitsuko
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Journal of the Chemical Society, Chemical Communications (1976), (16),
658-9
CODEN: JCCCAT; ISSN: 0022-4936
DT Journal
LA English
OS CASREACT 86:43663
IT **32496-16-5 57024-55-2 57562-64-8**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reductive ring contraction of)
RN 32496-16-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-
1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

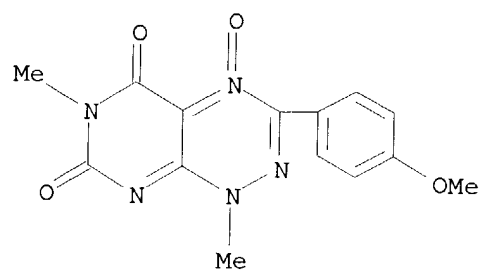


RN 57024-55-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,
4-oxide (9CI) (CA INDEX NAME)

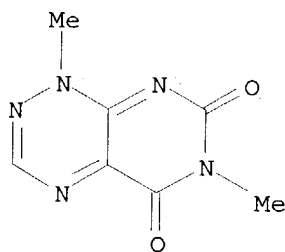


RN 57562-64-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-
dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

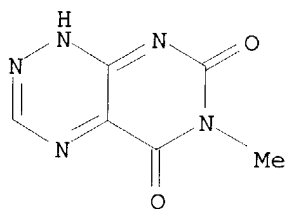
10/760,509



L5 ANSWER 80 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1976:557879 CAPLUS
 DN 85:157879
 TI Anticarcinogenic antibiotics of the pyrimidino[5,4-e]-asym-triazine group.
 Production, chemical structure, and properties
 AU Esipov, S. E.
 CS Otd. Bioorg. Khim., Inst. Biokhim. Fiziol. Mikroorg., Pushchino, USSR
 SO Biokhim. Fiziol. Mikroorg. (1975), 77-81. Editor(s): Ivanov, M. V.
 Publisher: Akad. Nauk SSSR, Nauchn. Tsentr Biol. Issled., Pushchino, USSR.
 CODEN: 33NYAV
 DT Conference
 LA Russian
 IT **84-82-2 5016-18-2**
 RL: BIOL (Biological study)
 (Actinomyces rectus bruneus)
 RN 84-82-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
 INDEX NAME)

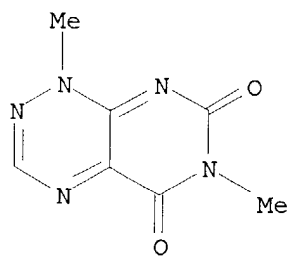


RN 5016-18-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
 INDEX NAME)



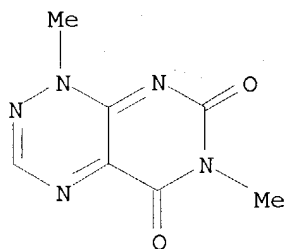
IT **84-82-2**
 RL: FORM (Formation, nonpreparative)
 (formation of, from reumycin)
 RN 84-82-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
 INDEX NAME)

10/760,509

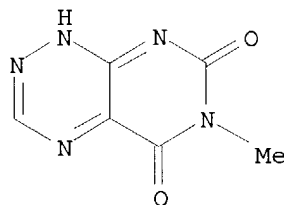


10/760,509

L5 ANSWER 81 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1976:516364 CAPLUS
DN 85:116364
TI Anticarcinogenic activity of the pyrimidino[5,4-e]-asym-triazine group.
Mechanism of action on the electron transport system
AU Akimenko, V. K.
CS Otd. Bioenerg., Inst. Biokhim. Fiziol. Mikroorg., Pushchino, USSR
SO Biokhim. Fiziol. Mikroorg. (1975), 81-4. Editor(s): Ivanov, M. V.
Publisher: Akad. Nauk SSSR, Nauchn. Tsentr Biol. Issled., Pushchino, USSR.
CODEN: 33NYAV
DT Conference; General Review
LA Russian
IT **84-82-2 5016-18-2**
RL: BIOL (Biological study)
(electron transport system response to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



L5 ANSWER 82 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1976:446583 CAPLUS

DN 85:46583

TI A novel conversion of 7-azapteridines to purines

AU Yoneda, Fumio; Nagamatsu, Tomohisa

CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan

SO Heterocycles (1976), 4(4), 749-52

CODEN: HTCYAM; ISSN: 0385-5414

DT Journal

LA English

IT 32502-63-9 42285-61-0 42285-69-8

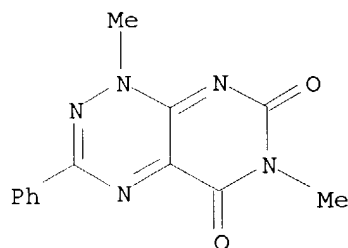
42285-76-7 42285-77-8 42285-78-9

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with formamide, purine derivative from)

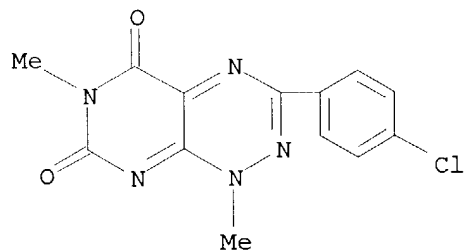
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-
(9CI) (CA INDEX NAME)



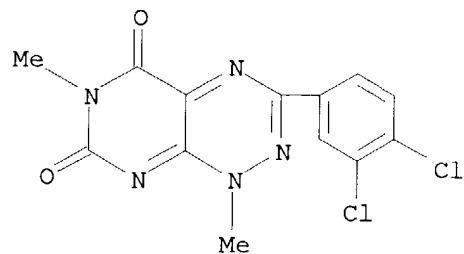
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

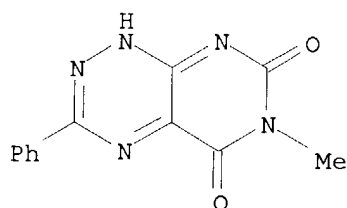


RN 42285-69-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

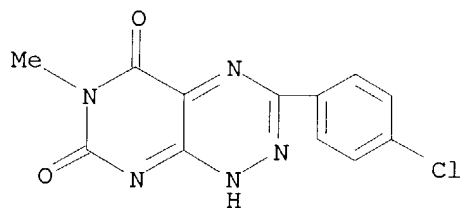


RN 42285-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
(CA INDEX NAME)

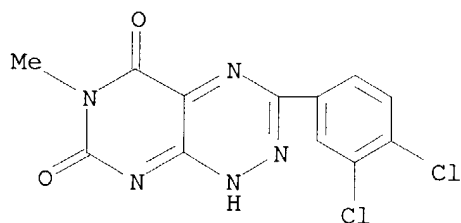
RN 42285-77-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



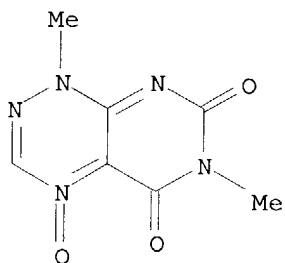
RN 42285-78-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)

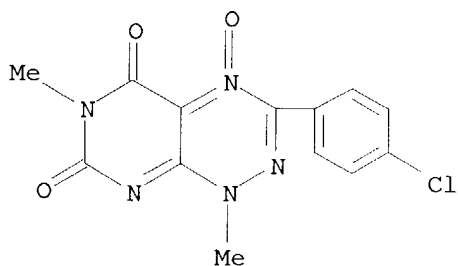


10/760,509

L5 ANSWER 83 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1976:421301 CAPLUS
DN 85:21301
TI A new synthesis of pyrimido[4,5-e]-as-triazine 4-oxides by nitrosative cyclization of aldehyde uracil-6-ylhydrazones in the presence of diethyl azodiformate
AU Yoneda, Fumio; Nagamatsu, Tomohisa; Shinomura, Kazuko
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1976), (7), 713-15
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
OS CASREACT 85:21301
IT **32496-14-3P 32496-15-4P 32496-16-5P**
57024-55-2P 57562-64-8P 57562-68-2P
60026-34-8P 60026-35-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 32496-14-3 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

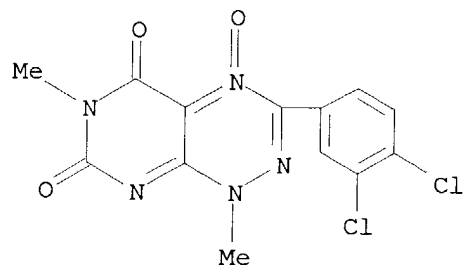


RN 32496-15-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

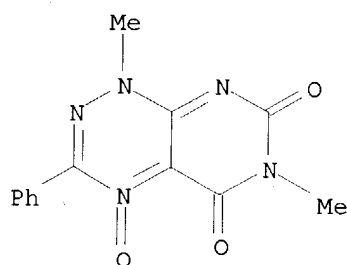


RN 32496-16-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

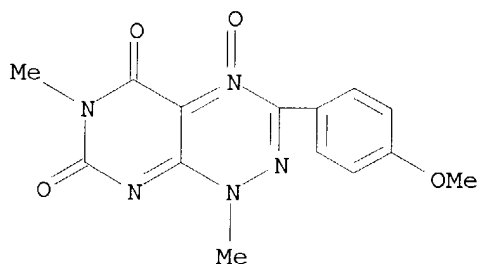
10/760,509



RN 57024-55-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)

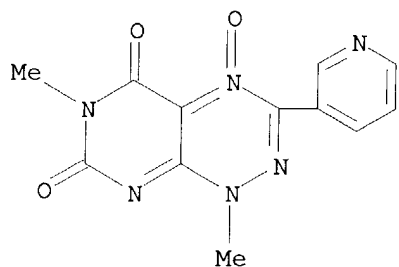


RN 57562-64-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



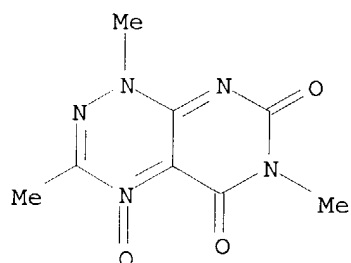
RN 57562-68-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)-, 4-oxide (9CI) (CA INDEX NAME)

10/760,509



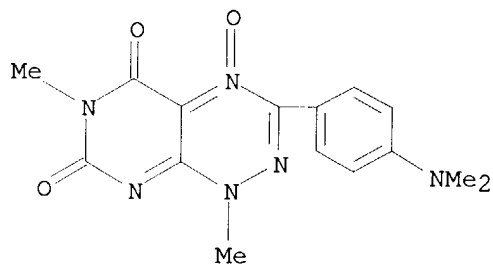
RN 60026-34-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl-, 4-oxide (9CI) (CA INDEX NAME)



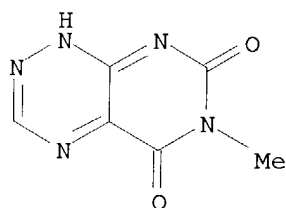
RN 60026-35-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

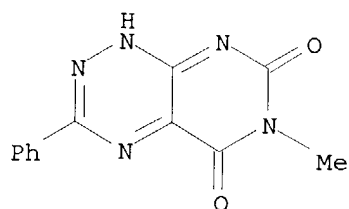


10/760,509

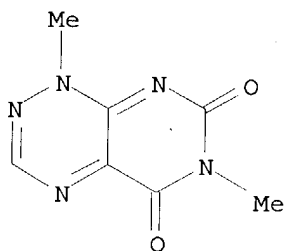
L5 ANSWER 84 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1976:130304 CAPLUS
DN 84:130304
TI Experimental study of the action of the antineoplastic antibiotic reumycin
on a macroorganism
AU Egorenko, G. G.; Shtegel'man, L. A.; Solov'ev, V. N.; Berezina, E. K.;
Berezhinskaya, V. V.; Bykova, M. A.; Dolgova, G. V.; Firsov, A. A.
CS All-Union Res. Inst. Antibiot., Moscow, USSR
SO Antibiotiki (Moscow) (1976), 21(2), 178-82
CODEN: ANTBAL; ISSN: 0003-5637
DT Journal
LA Russian
IT **5016-18-2**
RL: PRP (Properties)
(side-effects of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



L5 ANSWER 85 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1976:17293 CAPLUS
 DN 84:17293
 TI New syntheses of fervenulin (1,3-dimethyl-7-azalumazine) and analogs
 AU Yoneda, Fumio; Nagamatsu, Tomohisa
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
 SO Bulletin of the Chemical Society of Japan (1975), 48(10), 2884-7
 CODEN: BCSJA8; ISSN: 0009-2673
 DT Journal
 LA English
 IT **42285-76-7**
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (alkylation of)
 RN 42285-76-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
 (CA INDEX NAME)

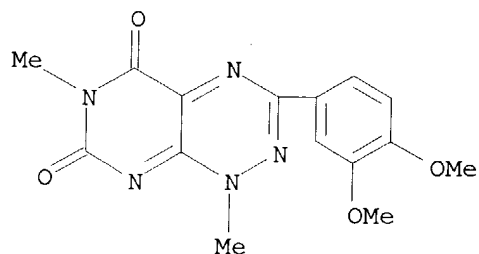


IT **84-82-2 32502-16-2 32502-19-5**
32502-63-9 42285-61-0
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (isomerization of, fervenulins from)
 RN 84-82-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
 INDEX NAME)



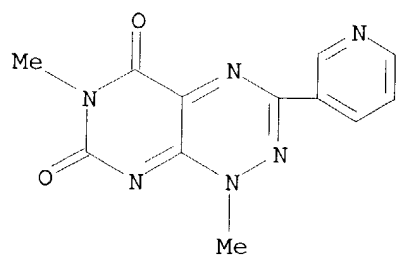
RN 32502-16-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-
 1,6-dimethyl- (9CI) (CA INDEX NAME)

10/760,509



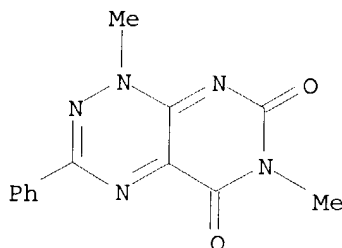
RN 32502-19-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS

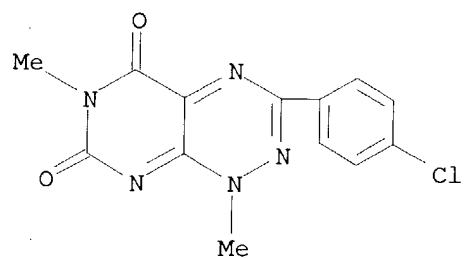
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

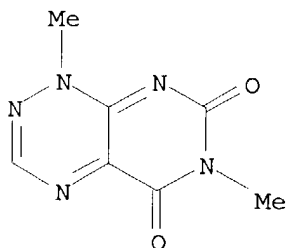
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

10/760,509

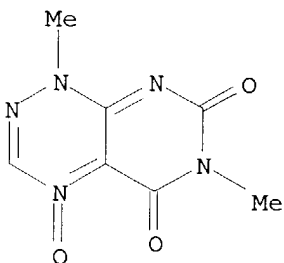


10/760,509

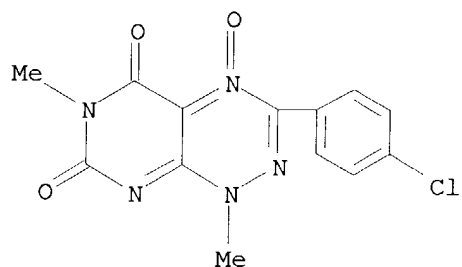
L5 ANSWER 86 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1976:4913 CAPLUS
DN 84:4913
TI Convenient synthesis of toxoflavins, toxoflavin 4-oxides, and
1-demethyltoxoflavins
AU Yoneda, Fumio; Nagamatsu, Tomohisa
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Chemical & Pharmaceutical Bulletin (1975), 23(9), 2001-9
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
IT 84-82-2P 32496-14-3P 32496-15-4P
32496-16-5P 32502-16-2P 32502-17-3P
32502-18-4P 32502-19-5P 32502-20-8P
32502-21-9P 32502-62-8P 32502-63-9P
42285-61-0P 42285-69-8P 52199-05-0P
52199-06-1P 52348-60-4P 57024-55-2P
57562-64-8P 57562-65-9P 57562-66-0P
57562-67-1P 57562-68-2P 57562-69-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and demethylation of, by nucleophiles)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RN 32496-14-3 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, 4-oxide
(9CI) (CA INDEX NAME)

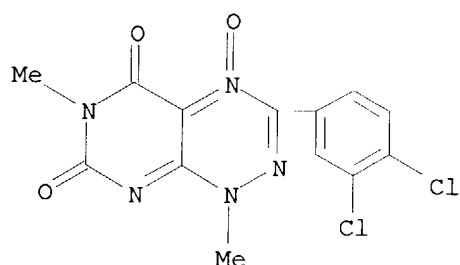


RN 32496-15-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-
dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



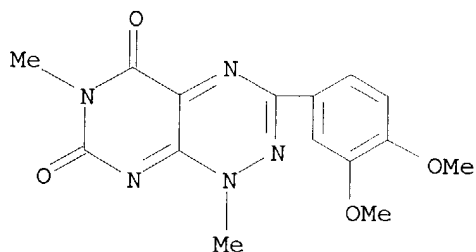
RN 32496-16-5 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



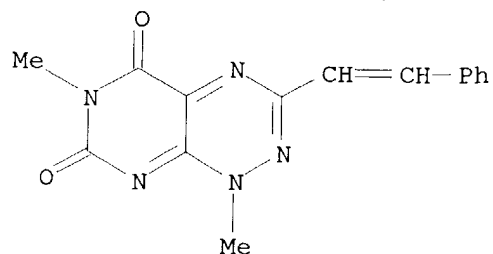
RN 32502-16-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

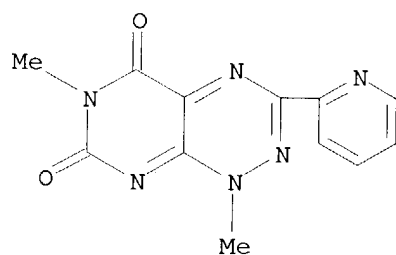


RN 32502-17-3 CAPLUS

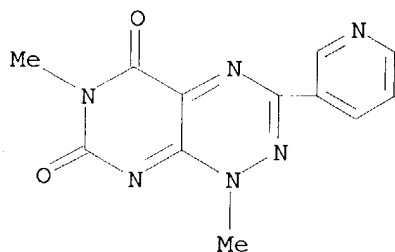
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



RN 32502-18-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)

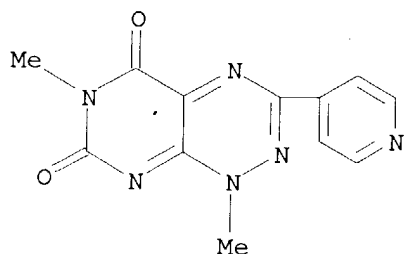


RN 32502-19-5 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



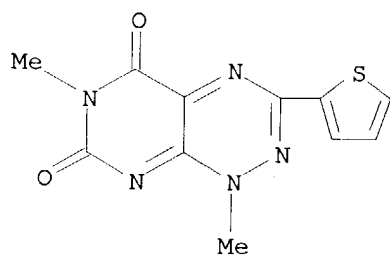
RN 32502-20-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)

10/760,509



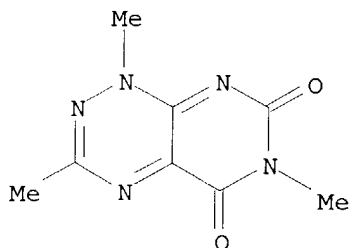
RN 32502-21-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-thienyl)- (9CI) (CA INDEX NAME)



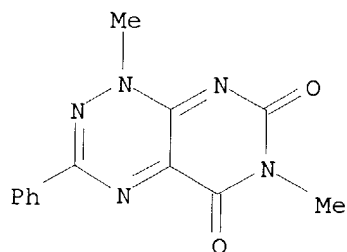
RN 32502-62-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)



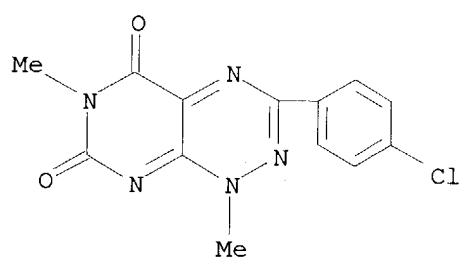
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



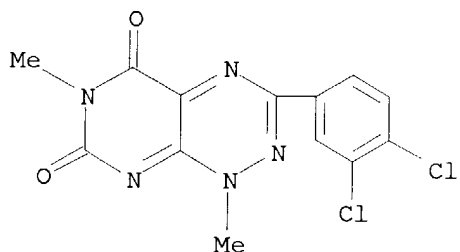
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



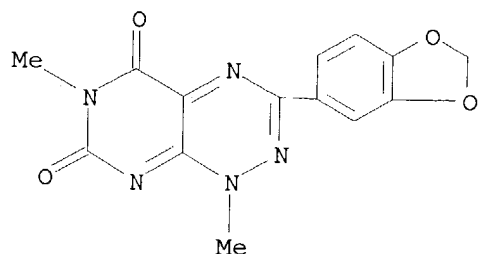
RN 42285-69-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

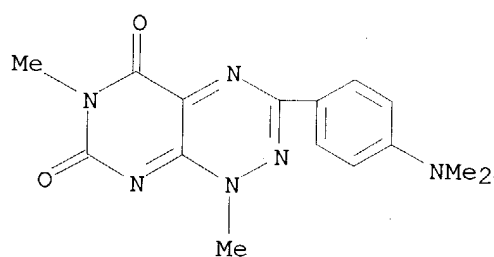


RN 52199-05-0 CAPLUS

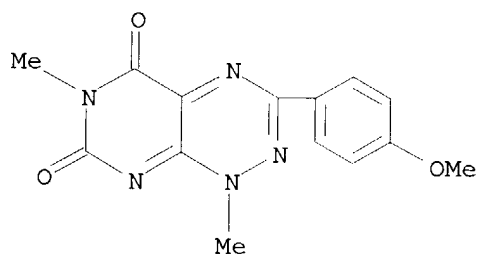
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



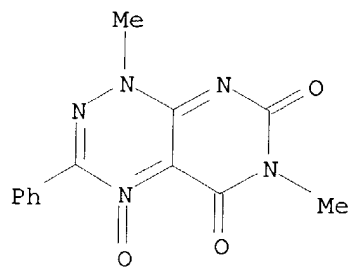
RN 52199-06-1 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



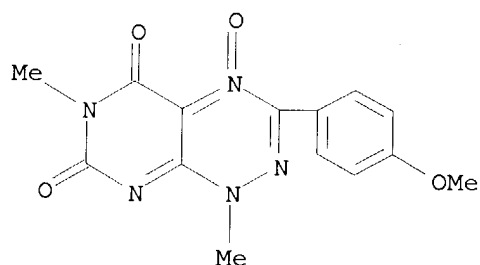
RN 52348-60-4 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



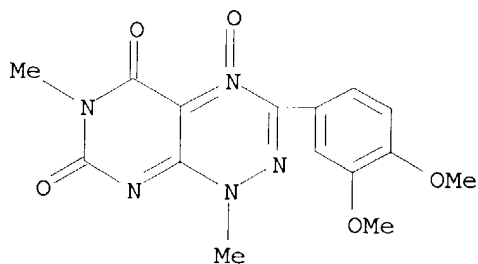
RN 57024-55-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-, 4-oxide (9CI) (CA INDEX NAME)



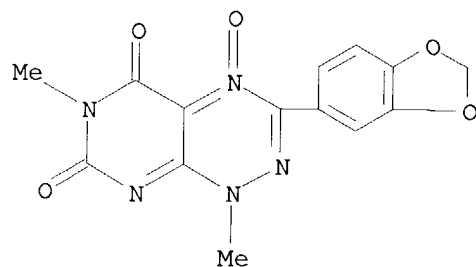
RN 57562-64-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



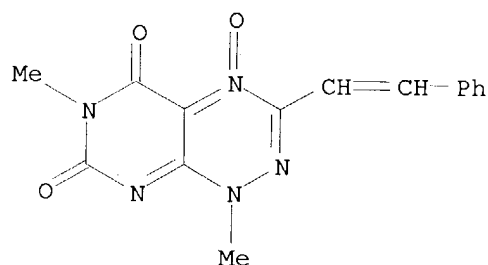
RN 57562-65-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



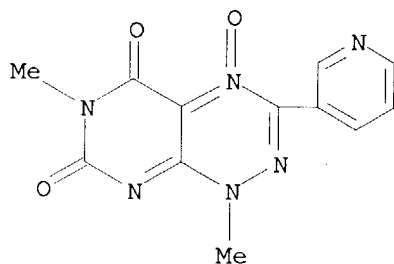
RN 57562-66-0 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



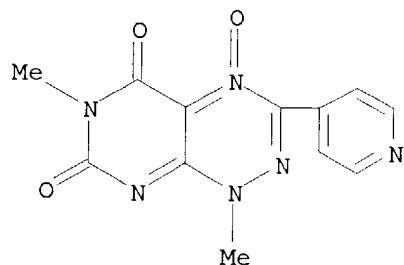
RN 57562-67-1 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-phenylethenyl)-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-68-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)-, 4-oxide (9CI) (CA INDEX NAME)



RN 57562-69-3 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)-, 4-oxide (9CI) (CA INDEX NAME)

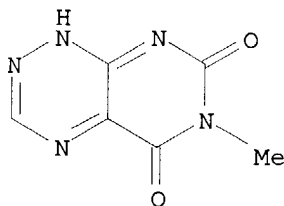


IT 5016-18-2P 42285-75-6P 42285-76-7P
 42285-77-8P 42285-78-9P 42285-79-0P
 42285-80-3P 42285-81-4P 42285-82-5P
 42285-83-6P 42285-84-7P 56098-06-7P
 56098-14-7P 56189-61-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

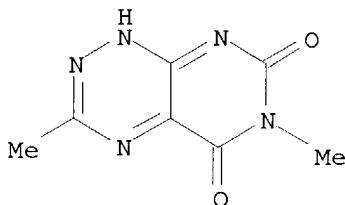
RN 5016-18-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
 INDEX NAME)



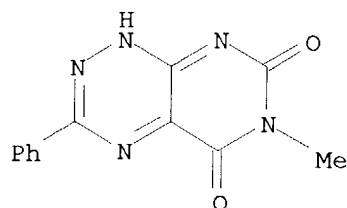
RN 42285-75-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-dimethyl- (9CI) (CA
 INDEX NAME)



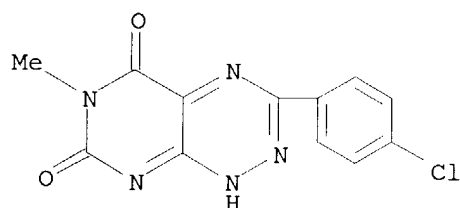
RN 42285-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
 (CA INDEX NAME)



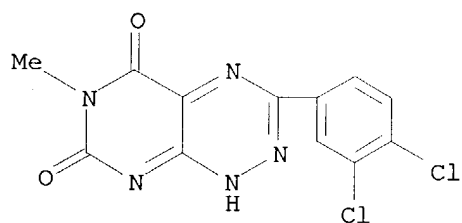
RN 42285-77-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



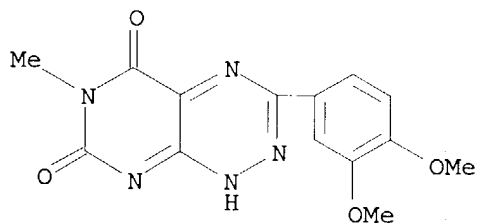
RN 42285-78-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



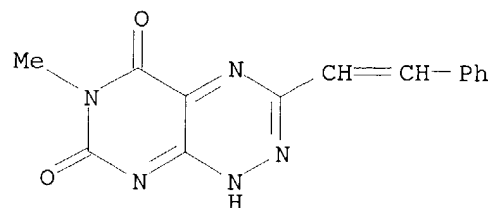
RN 42285-79-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)

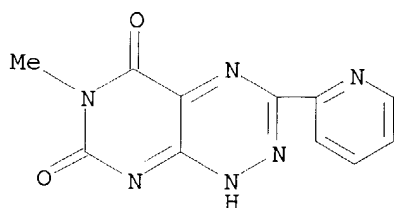


RN 42285-80-3 CAPLUS

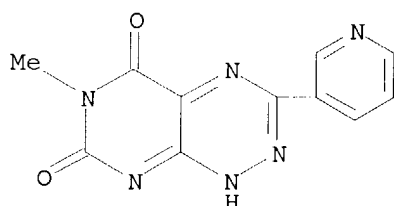
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



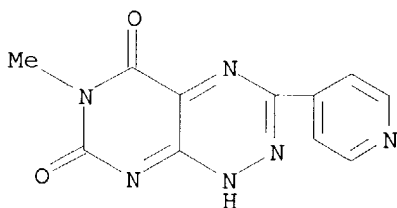
RN 42285-81-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-pyridinyl)-
(9CI) (CA INDEX NAME)

RN 42285-82-5 CAPLUS

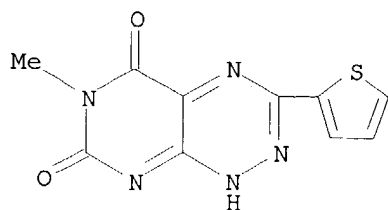
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(3-pyridinyl)-
(9CI) (CA INDEX NAME)

RN 42285-83-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(4-pyridinyl)-
(9CI) (CA INDEX NAME)

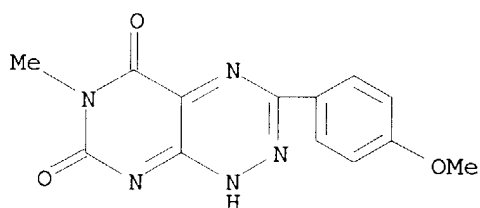
RN 42285-84-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-thienyl)-
(9CI) (CA INDEX NAME)



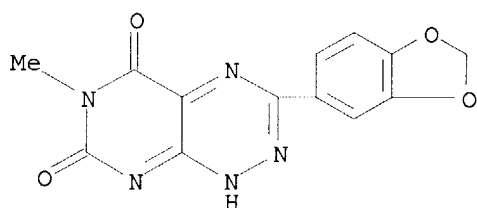
RN 56098-06-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



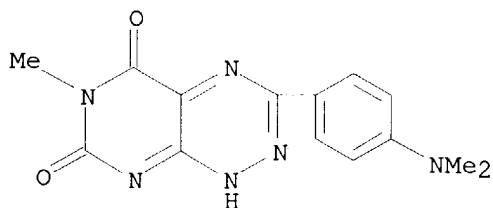
RN 56098-14-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(1,3-benzodioxol-5-yl)-6-methyl- (9CI) (CA INDEX NAME)



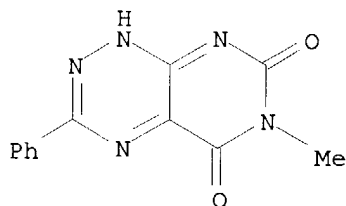
RN 56189-61-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)

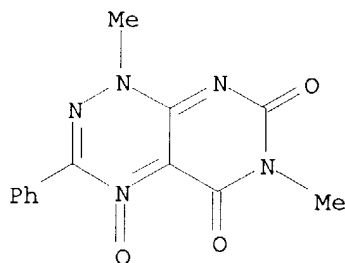


10/760,509

L5 ANSWER 87 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1975:578988 CAPLUS
DN 83:178988
TI Cyclization reactions of some 5-nitro- and 5-nitroso-6-benzylidenehydrazinouracils
AU Yoneda, Fumio; Nagamatsu, Tomohisa
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Chemical & Pharmaceutical Bulletin (1975), 23(8), 1885-8
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 83:178988
IT **42285-76-7P 57024-55-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 42285-76-7 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
(CA INDEX NAME)



RN 57024-55-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,
4-oxide (9CI) (CA INDEX NAME)



L5 ANSWER 88 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1975:443279 CAPLUS
 DN 83:43279
 TI New synthetic method of toxoflavin derivatives
 AU Yoneda, Fumio; Nagamatsu, Tomohisa
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
 SO Synthesis (1975), (3), 177-9
 CODEN: SYNTBF; ISSN: 0039-7881

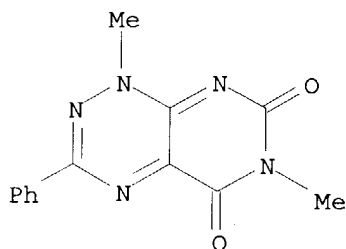
DT Journal
 LA English

IT **32502-63-9P 42285-61-0P 42285-76-7P**
42285-77-8P 52199-05-0P 52199-06-1P
52348-60-4P 56098-06-7P 56098-14-7P
56189-61-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and ring closure of)

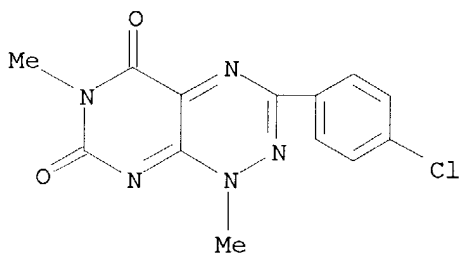
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-
 (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

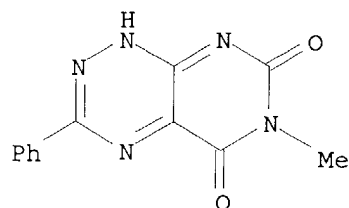
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 42285-76-7 CAPLUS

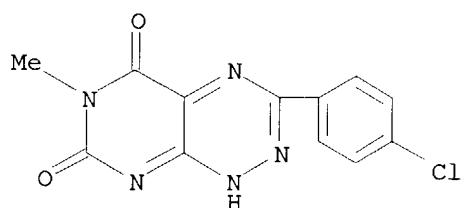
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
 (CA INDEX NAME)

10/760,509



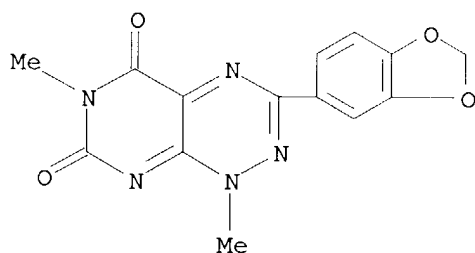
RN 42285-77-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



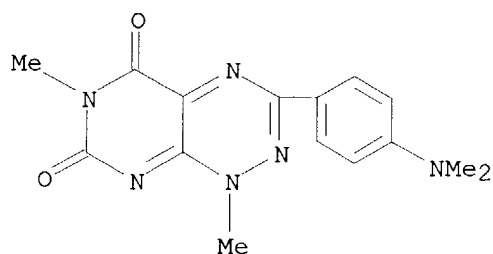
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)

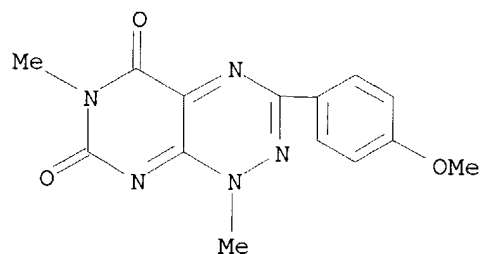


RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-

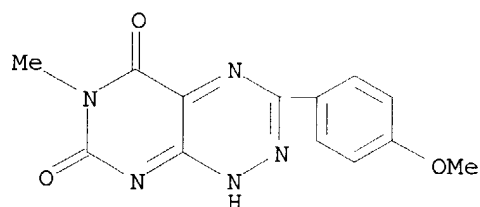
10/760,509

dimethyl- (9CI) (CA INDEX NAME)



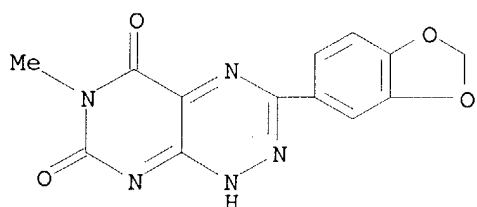
RN 56098-06-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(4-methoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)



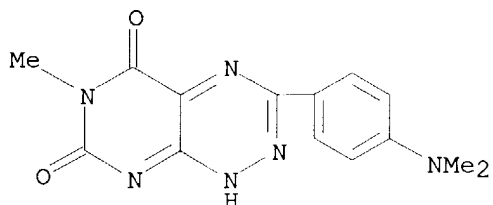
RN 56098-14-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-(1,3-benzodioxol-5-yl)-6-methyl- (9CI) (CA INDEX NAME)



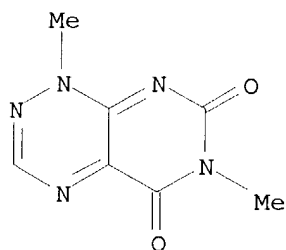
RN 56189-61-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(6H,8H)-dione, 3-[4-(dimethylamino)phenyl]-6-methyl- (9CI) (CA INDEX NAME)



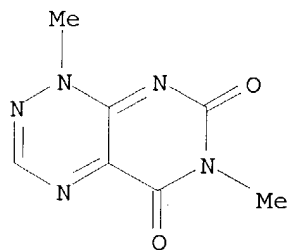
10/760,509

L5 ANSWER 89 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1975:132839 CAPLUS
DN 82:132839
TI Xanthothricin effect on cells of Ehrlich's ascitic sarcoma
AU Akimenko, V. K.; Golovchenko, N. P.; Terent'eva, T. G.
CS Inst. Biochem. Physiol. Microorg., Puschino-on-Oka, USSR
SO Antibiotiki (Moscow) (1974), 19(12), 1101-4
CODEN: ANTBAL; ISSN: 0003-5637
DT Journal
LA Russian
IT **84-82-2**
RL: BIOL (Biological study)
(respiration by Ehrlich ascites carcinoma cell stimulation by)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



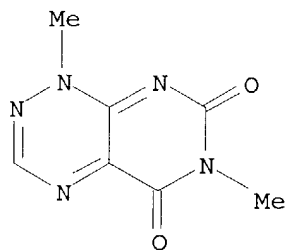
10/760,509

L5 ANSWER 90 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1975:107661 CAPLUS
DN 82:107661
TI Effect of the antibiotic xanthothricin on respiratory chain of the
mitochondria of the yeast *Candida lipolytica*
AU Akimenko, V. K.; Golovchenko, N. P.; Medentsev, A. G.
CS Inst. Biokhim. Fiziol. Mikroorg., Moscow, USSR
SO Mikrobiologiya (1974), 43(5), 839-43
CODEN: MIKBA5; ISSN: 0026-3656
DT Journal
LA Russian
IT **84-82-2**
RL: BIOL (Biological study)
(respiration by mitochondria of *Candida lipolytica* in response to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



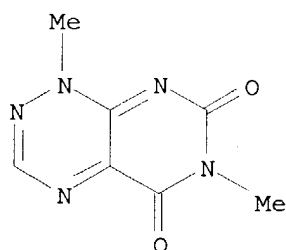
10/760,509

L5 ANSWER 91 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1975:38546 CAPLUS
DN 82:38546
TI Mechanism of action of the antibiotic xanthothricin on the respiratory
chain of rat liver mitochondria
AU Akimenko, V. K.; Golovchenko, N. P.; Esipov, S. E.
CS Dep. Bioenerg., Inst. Biochem. Physiol. Microorg., Pushchino, USSR
SO Biokhimiya (Moscow) (1974), 39(5), 1068-74
CODEN: BIOHAO; ISSN: 0320-9725
DT Journal
LA Russian
IT **84-82-2**
RL: BIOL (Biological study)
(respiration response to, in liver mitochondria)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



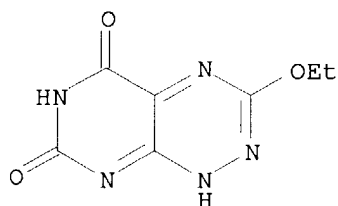
10/760,509

L5 ANSWER 92 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1975:25781 CAPLUS
DN 82:25781
TI Effect of xanthothricin on the respiratory chain
AU Akimenko, V. K.; Golovchenko, N. P.; Medentsev, A. G.; Esipov, S. E.
CS Bioenerg. Dep., Inst. Biochem. Physiol. Microorg., Pustchino, USSR
SO FEBS Letters (1974), 46(1), 23-8
CODEN: FEBLAL; ISSN: 0014-5793
DT Journal
LA English
IT **84-82-2**
RL: BIOL (Biological study)
(electron transport system response to)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

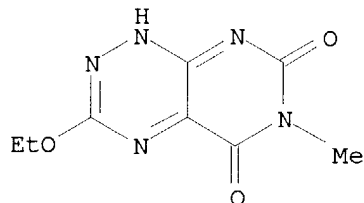


10/760,509

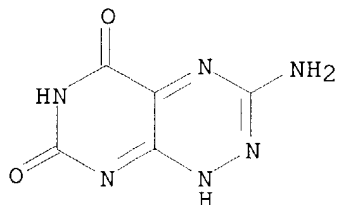
L5 ANSWER 93 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1974:505460 CAPLUS
DN 81:105460
TI Aza analogs of pteridine. VIII. 3-Amino- from 3-alkoxy-pyrimido[5,4-e]-
as-triazin-5-ones prepared by cyclization of 3-ethoxy-1,2,4-triazines or
other means
AU Brown, D. J.; Lynn, R. K.
CS John Curtin Sch. Med. Res., Canberra, Australia
SO Australian Journal of Chemistry (1974), 27(8), 1781-90
CODEN: AJCHAS; ISSN: 0004-9425
DT Journal
LA English
IT **42786-62-9P 54185-69-2P 54185-70-5P**
54185-71-6P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and spectral properties of)
RN 42786-62-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,8H)-dione, 3-ethoxy- (9CI) (CA
INDEX NAME)



RN 54185-69-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-ethoxy-6-methyl- (9CI)
(CA INDEX NAME)



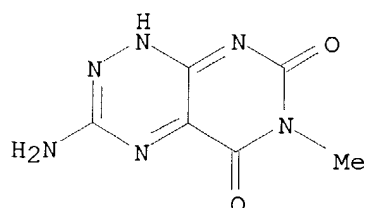
RN 54185-70-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-amino- (9CI) (CA INDEX
NAME)



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RN 54185-71-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-amino-6-methyl- (9CI)
(CA INDEX NAME)



IT **54249-64-8P**

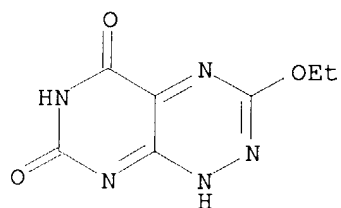
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 54249-64-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-ethoxy-, compd. with
methanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 42786-62-9
CMF C7 H7 N5 O3



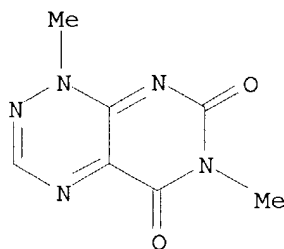
CM 2

CRN 74-89-5
CMF C H5 N

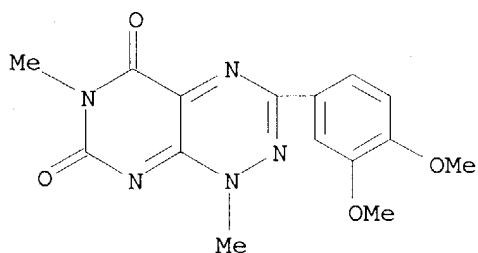
H₃C-NH₂

10/760,509

L5 ANSWER 94 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1974:491479 CAPLUS
DN 81:91479
TI New method for the transformation of toxoflavines to fervenulins
AU Yoneda, Fumio; Nagamatsu, Tomohisa
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Journal of Heterocyclic Chemistry (1974), 11(2), 271-3
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
IT 84-82-2 32502-16-2 32502-19-5
32502-20-8 32502-63-9 42285-61-0
52199-05-0 52199-06-1 52348-60-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction with dimethylformamide acetal, in fervenulin preparation)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

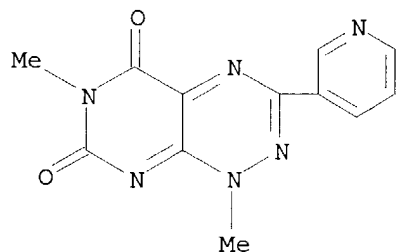


RN 32502-16-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-
1,6-dimethyl- (9CI) (CA INDEX NAME)



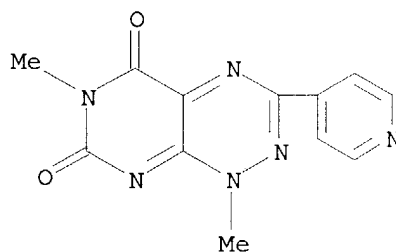
RN 32502-19-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-
pyridinyl)- (9CI) (CA INDEX NAME)

10/760,509



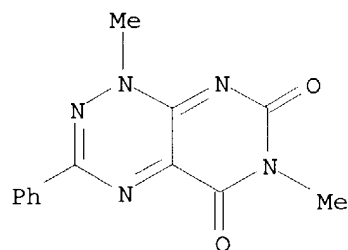
RN 32502-20-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 32502-63-9 CAPLUS

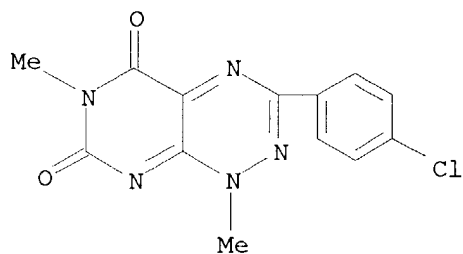
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



RN 42285-61-0 CAPLUS

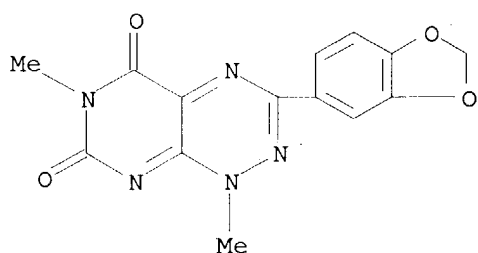
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

10/760,509



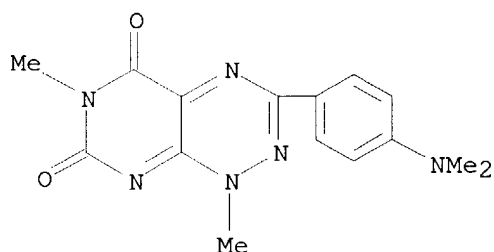
RN 52199-05-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(1,3-benzodioxol-5-yl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



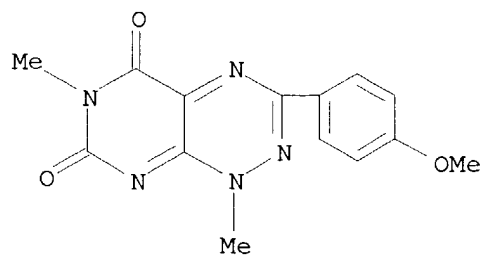
RN 52199-06-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-[4-(dimethylamino)phenyl]-1,6-dimethyl- (9CI) (CA INDEX NAME)



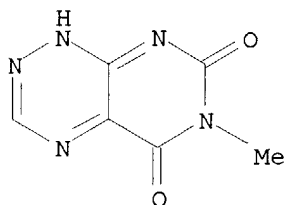
RN 52348-60-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-methoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

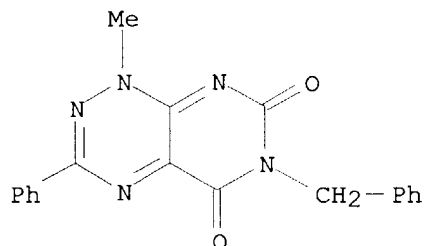


10/760,509

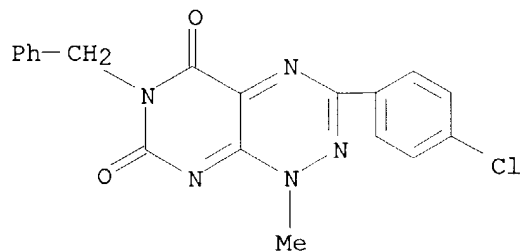
L5 ANSWER 95 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1974:400094 CAPLUS
DN 81:94
TI Activity of reumycin in relation to transplanted animal tumors and human
tumor explants
AU Navashin, S. M.; Fomina, I. N.; Terent'eva, T. G.; Shtegel'man, L. A.
CS Vses. Nauchno-Issled. Inst. Antibiot., Moscow, USSR
SO Aktual'nye Voprosy Sovremennoi Onkologii (1973), No. 3, 273-83
CODEN: AVSOEB; ISSN: 0365-8333
DT Journal
LA Russian
IT **5016-18-2**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(neoplasm inhibitors)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



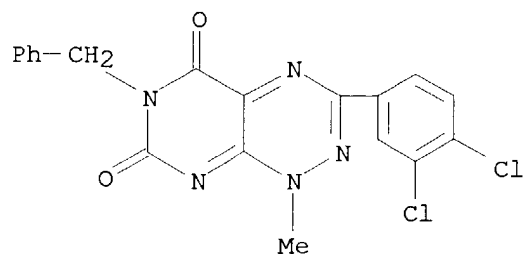
L5 ANSWER 96 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1974:120872 CAPLUS
 DN 80:120872
 TI Synthesis and properties of 6-benzyl analogs of toxoflavin
 AU Yoneda, Fumio; Nagamatsu, Tomohisa; Ichiba, Misuzu
 CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
 SO Journal of Heterocyclic Chemistry (1974), 11(1), 83-5
 CODEN: JHTCAD; ISSN: 0022-152X
 DT Journal
 LA English
 IT **52197-57-6P 52197-58-7P 52197-59-8P**
52197-60-1P 52197-61-2P 52197-62-3P
52197-63-4P 52197-64-5P 52197-65-6P
52197-66-7P 52197-67-8P 52223-26-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 52197-57-6 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-phenyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 52197-58-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)

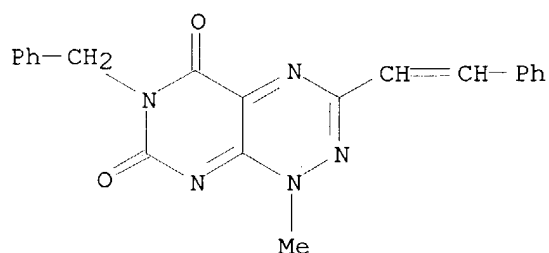


RN 52197-59-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



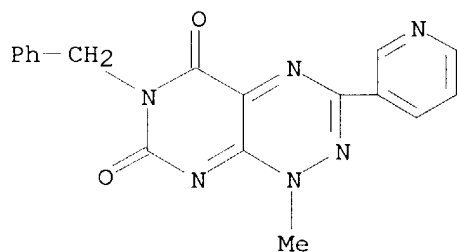
RN 52197-60-1 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-3-(2-phenylethenyl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



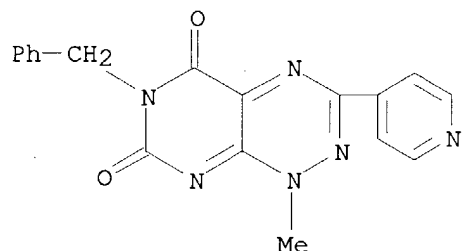
RN 52197-61-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-6-(phenylmethyl)-3-(3-phenyl-2-propenyl)- (9CI) (CA INDEX NAME)

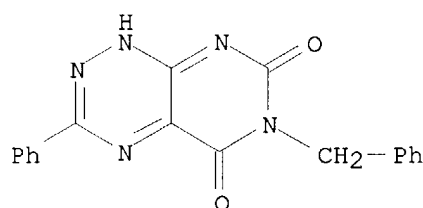


RN 52197-62-3 CAPLUS

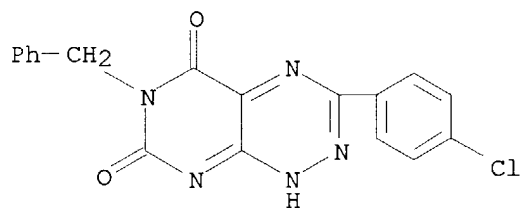
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1-methyl-6-(phenylmethyl)-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)



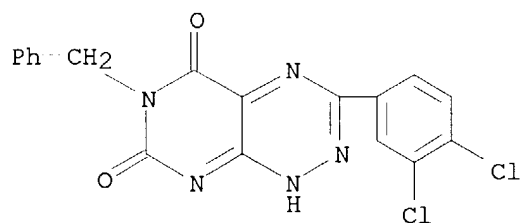
RN 52197-63-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-phenyl-6-(phenylmethyl)-
(9CI) (CA INDEX NAME)

RN 52197-64-5 CAPLUS

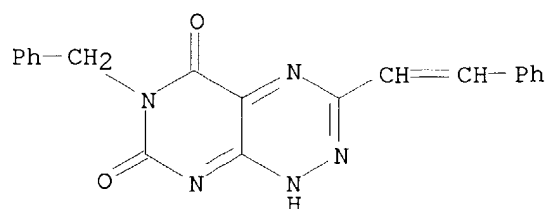
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-
(phenylmethyl)- (9CI) (CA INDEX NAME)

RN 52197-65-6 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-
(phenylmethyl)- (9CI) (CA INDEX NAME)

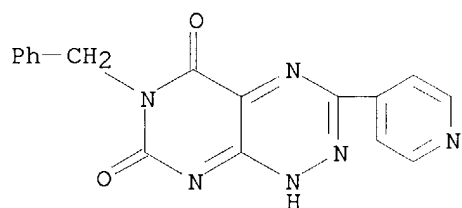
RN 52197-66-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(2-phenylethenyl)-6-
(phenylmethyl)- (9CI) (CA INDEX NAME)



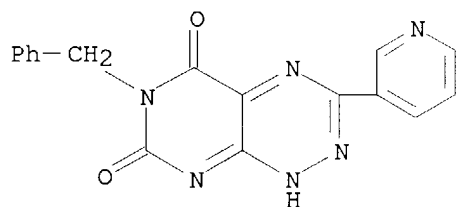
RN 52197-67-8 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-(phenylmethyl)-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 52223-26-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-(phenylmethyl)-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



10/760,509

L5 ANSWER 97 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1974:24018 CAPLUS

DN 80:24018

TI Structure of reumycin

AU Esipov, S. E.; Kolosov, M. N.; Saburova, L. A.

CS Inst. Biochem. Physiol. Microorg., Pushchino, USSR

SO Journal of Antibiotics (1973), 26(9), 537-8

CODEN: JANTAJ; ISSN: 0021-8820

DT Journal

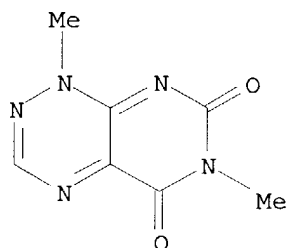
LA English

IT **84-82-2P**

RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation) (formation of, from reumycin)

RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

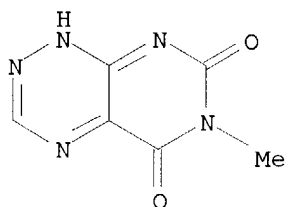


IT **5016-18-2**

RL: PRP (Properties)
(structure of)

RN 5016-18-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA INDEX NAME)



10/760,509

L5 ANSWER 98 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1973:546559 CAPLUS

DN 79:146559

TI 7-Azalumazines

IN Yoneda, Fumio; Chuma, Isso

SO Jpn. Tokkyo Koho, 16 pp.

CODEN: JAXXAD

DT Patent

LA Japanese

FAN.CNT 1

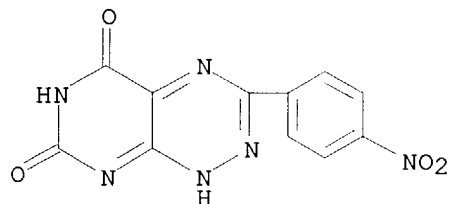
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 48025200	B4	19730726	JP 1970-35430	19700427
PRAI	JP 1970-35430		19700427		

IT **50650-71-0P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

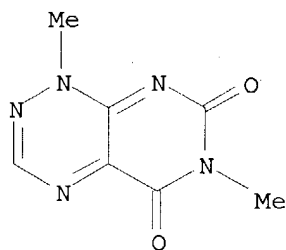
RN 50650-71-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-nitrophenyl)- (9CI)
(CA INDEX NAME)

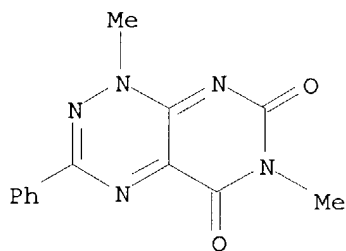


10/760,509

L5 ANSWER 99 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:514770 CAPLUS
DN 79:114770
TI Transmethylation from toxoflavines to nucleophiles
AU Yoneda, Fumio; Nagamatsu, Tomohisa
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Journal of the American Chemical Society (1973), 95(17), 5735-7
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English
OS CASREACT 79:114770
IT **49700-73-4 49700-74-5 49700-75-6**
49700-76-7 49758-11-4
RL: PRP (Properties)
(ESR of)
RN 49700-73-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, radical
ion(1-) (9CI) (CA INDEX NAME)

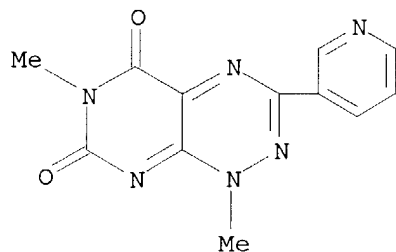


RN 49700-74-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,
radical ion(1-) (9CI) (CA INDEX NAME)



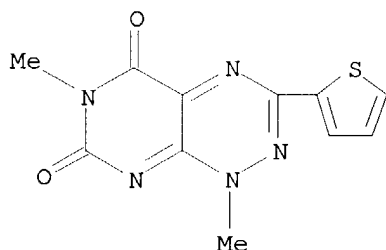
RN 49700-75-6 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-
pyridinyl)-, radical ion(1-) (9CI) (CA INDEX NAME)

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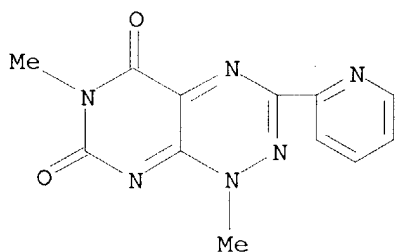
RN 49700-76-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-thienyl)-, radical ion(1-) (9CI) (CA INDEX NAME)



RN 49758-11-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-pyridinyl)-, radical ion(1-) (9CI) (CA INDEX NAME)



IT **49700-78-9P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

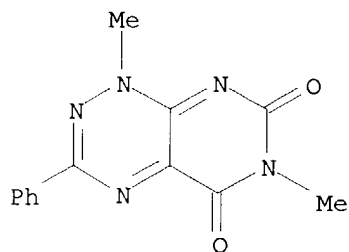
RN 49700-78-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-,
compd. with 1-methyl-1H-indole (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 32502-63-9

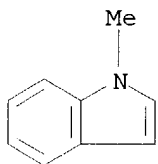
CMF C13 H11 N5 O2



CM 2

CRN 603-76-9

CMF C9 H9 N



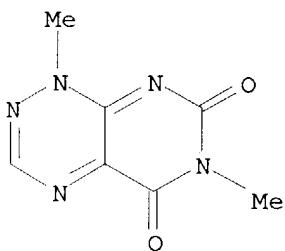
IT 84-82-2 32502-63-9

RL: PRP (Properties)

(transmethylation reaction of, with nucleophiles)

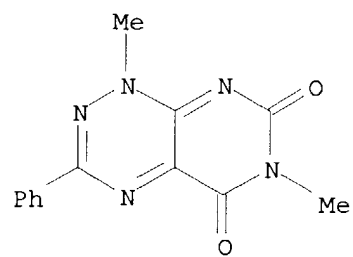
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)



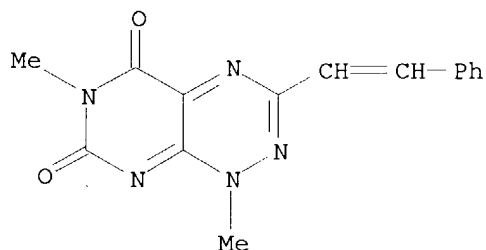
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)

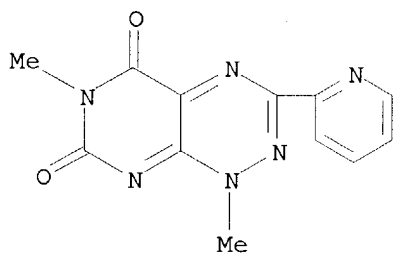


10/760,509

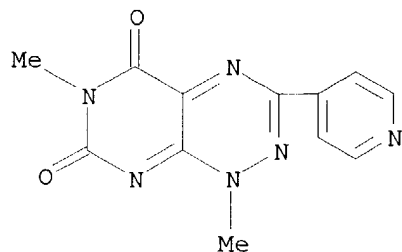
L5 ANSWER 100 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:466325 CAPLUS
DN 79:66325
TI Transformation of toxoflavines into fervenulins via 1-demethyltoxoflavines
AU Yoneda, Fumio; Nagamatsu, Tomohisa
CS Fac. Pharm. Sci., Kumamoto Univ., Kumamoto, Japan
SO Tetrahedron Letters (1973), (17), 1577-80
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
IT 32502-17-3 32502-18-4 32502-20-8
32502-21-9 32502-62-8 42285-69-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(demethylation of)
RN 32502-17-3 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



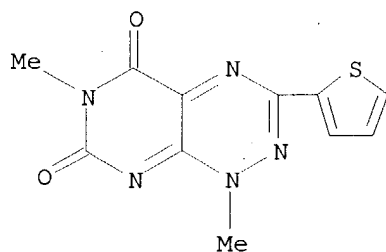
RN 32502-18-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



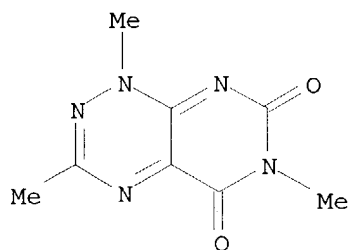
RN 32502-20-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)



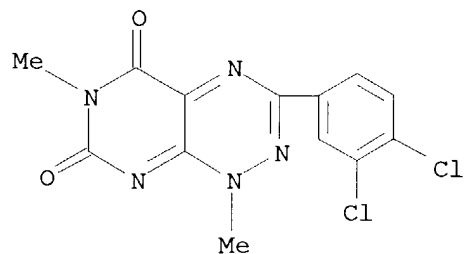
RN 32502-21-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-thienyl)- (9CI) (CA INDEX NAME)



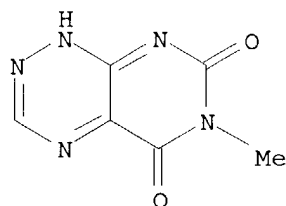
RN 32502-62-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)



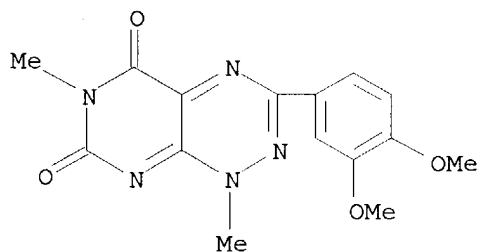
RN 42285-69-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)



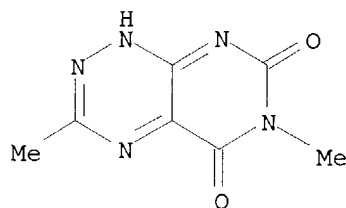
IT 5016-18-2P 32502-16-2P 42285-75-6P
 42285-76-7P 42285-77-8P 42285-78-9P
 42285-79-0P 42285-80-3P 42285-81-4P
 42285-82-5P 42285-83-6P 42285-84-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 5016-18-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
 INDEX NAME)



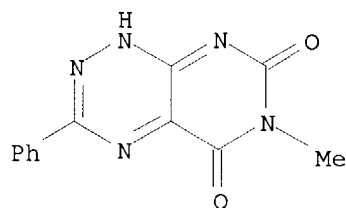
RN 32502-16-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-
 1,6-dimethyl- (9CI) (CA INDEX NAME)



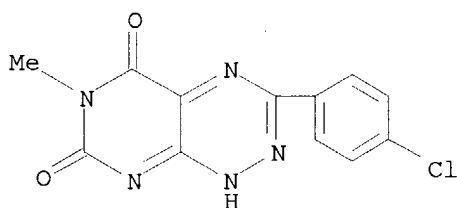
RN 42285-75-6 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3,6-dimethyl- (9CI) (CA
 INDEX NAME)



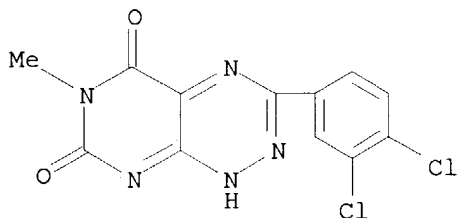
RN 42285-76-7 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-phenyl- (9CI)
 (CA INDEX NAME)



RN 42285-77-8 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)

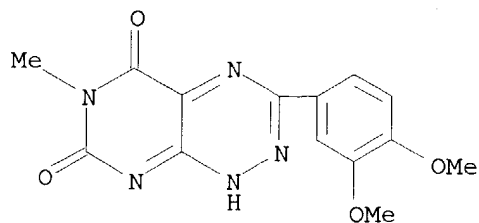


RN 42285-78-9 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-6-methyl- (9CI) (CA INDEX NAME)



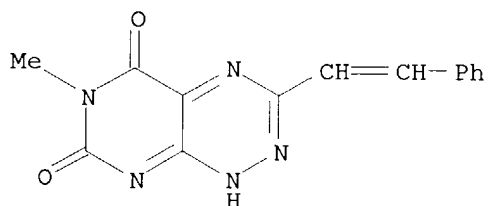
RN 42285-79-0 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-6-methyl- (9CI) (CA INDEX NAME)

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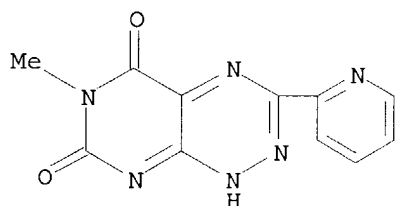
RN 42285-80-3 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



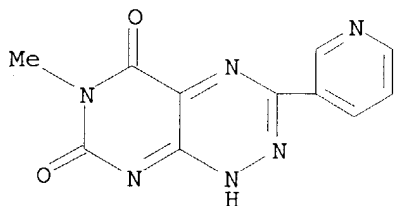
RN 42285-81-4 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 42285-82-5 CAPLUS

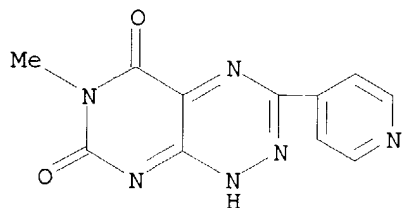
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 42285-83-6 CAPLUS

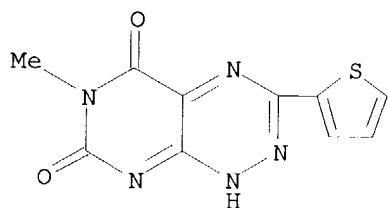
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)

10/760,509



RN 42285-84-7 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl-3-(2-thienyl)-
(9CI) (CA INDEX NAME)



IT 84-82-2 32502-19-5 32502-63-9

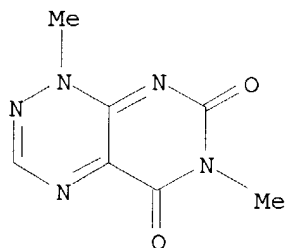
42285-61-0

RL: PROC (Process)

(transformation of, into fervenulins)

RN 84-82-2 CAPLUS

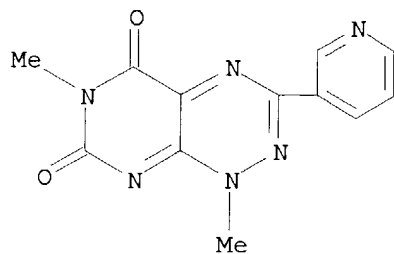
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



RN 32502-19-5 CAPLUS

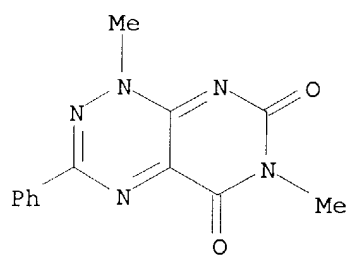
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-
pyridinyl)- (9CI) (CA INDEX NAME)

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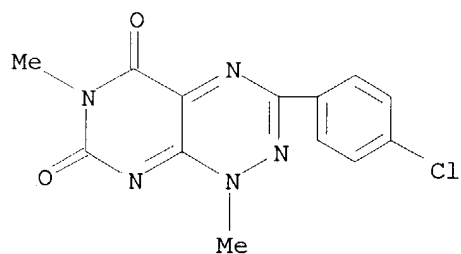
RN 32502-63-9 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl-
(9CI) (CA INDEX NAME)



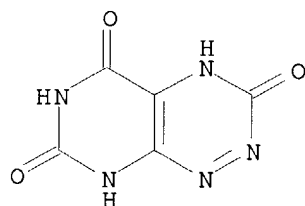
RN 42285-61-0 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-
dimethyl- (9CI) (CA INDEX NAME)

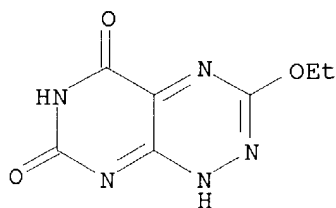


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L5 ANSWER 101 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:466321 CAPLUS
DN 79:66321
TI Aza analogs of pteridine. VII. 3-Alkoxy-*pyrimido*[5,4-*e*]-*as*-triazines and some derivatives
AU Brown, D. J.; Lynn, R. K.
CS John Curtin Sch. Med. Res., Canberra, Australia
SO Australian Journal of Chemistry (1973), 26(8), 1689-99
CODEN: AJCHAS; ISSN: 0004-9425
DT Journal
LA English
IT **31365-58-9P 42786-62-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 31365-58-9 CAPLUS
CN *Pyrimido*[5,4-*e*]-1,2,4-triazine-3,5,7(4*H*,6*H*,8*H*)-trione (9CI) (CA INDEX NAME)

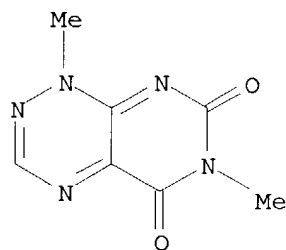


RN 42786-62-9 CAPLUS
CN *Pyrimido*[5,4-*e*]-1,2,4-triazine-5,7(1*H*,8*H*)-dione, 3-ethoxy- (9CI) (CA INDEX NAME)

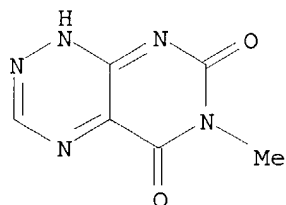


10/760,509

L5 ANSWER 102 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:404773 CAPLUS
DN 79:4773
TI Proton NMR study of the intermolecular interaction of pyrimidino[5,4-e]-as-
triazines with purine bases in water
AU Antonovskii, V. L.; Gukovskaya, A. S.; Esipov, S. E.; Yakovlev, G. I.
CS Inst. Biokhim. Fiziol. Mikroorg., Pushchino-on-oka, USSR
SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1973), (2), 480
CODEN: IASKA6; ISSN: 0002-3353
DT Journal
LA Russian
IT **84-82-2 5016-18-2**
RL: PRP (Properties)
(intermol. interaction with adenosine)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)

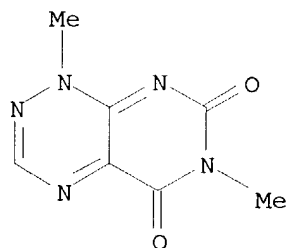


RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

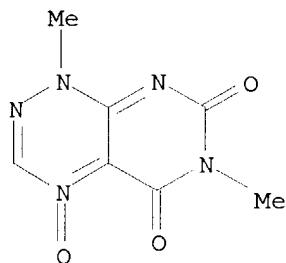


10/760,509

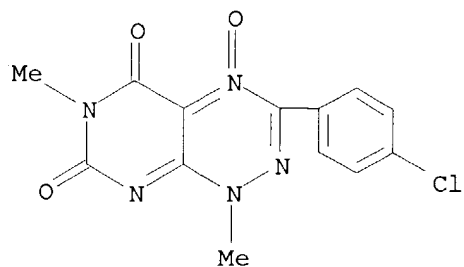
L5 ANSWER 103 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1971:405866 CAPLUS
DN 75:5866
TI Convenient synthesis of toxoflavines and toxoflavine N-oxides
AU Yoneda, Fumio; Shinomura, Kazuko; Nishigaki, Sadao
CS Sch. Med., Keio Univ., Tokyo, Japan
SO Tetrahedron Letters (1971), (13), 851-4
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
IT 84-82-2P 32496-14-3P 32496-15-4P
32496-16-5P 32502-16-2P 32502-17-3P
32502-18-4P 32502-19-5P 32502-20-8P
32502-21-9P 32502-62-8P 32502-63-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



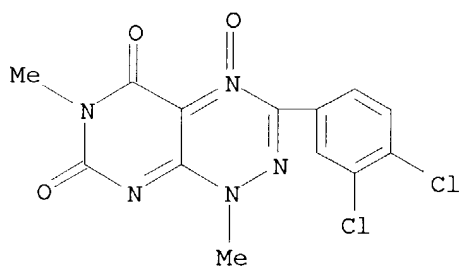
RN 32496-14-3 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-, 4-oxide
(9CI) (CA INDEX NAME)



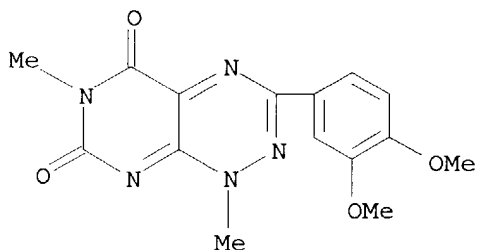
RN 32496-15-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(4-chlorophenyl)-1,6-
dimethyl-, 4-oxide (9CI) (CA INDEX NAME)



RN 32496-16-5 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dichlorophenyl)-1,6-dimethyl-, 4-oxide (9CI) (CA INDEX NAME)

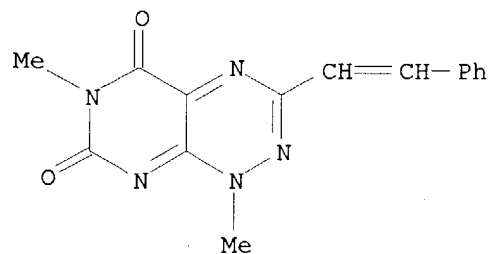


RN 32502-16-2 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 3-(3,4-dimethoxyphenyl)-1,6-dimethyl- (9CI) (CA INDEX NAME)

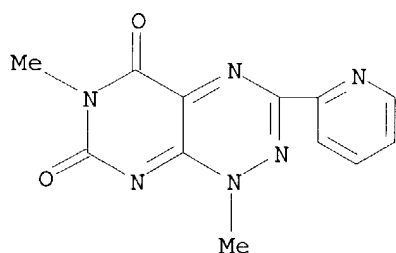


RN 32502-17-3 CAPLUS
 CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)

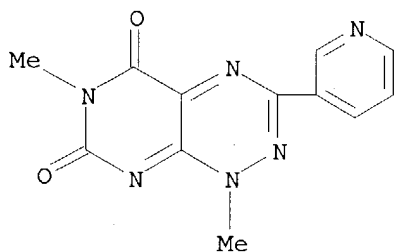
10/760,509



RN 32502-18-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-pyridinyl)- (9CI) (CA INDEX NAME)

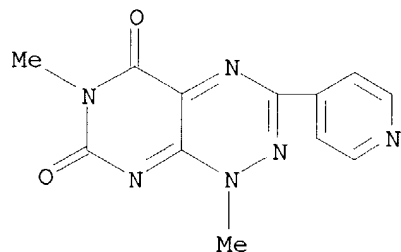


RN 32502-19-5 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(3-pyridinyl)- (9CI) (CA INDEX NAME)

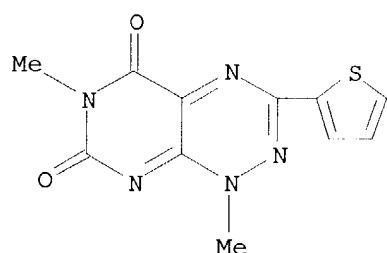


RN 32502-20-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(4-pyridinyl)- (9CI) (CA INDEX NAME)

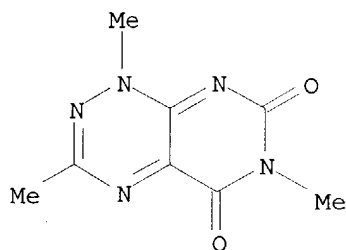
10/760,509



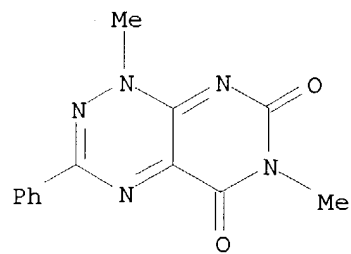
RN 32502-21-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 32502-62-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)

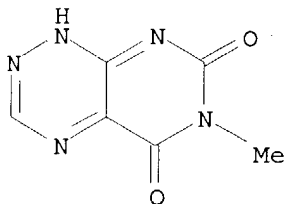


RN 32502-63-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)



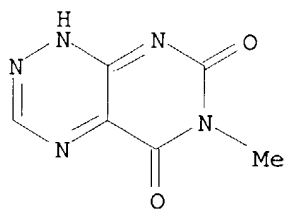
10/760,509

L5 ANSWER 104 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1971:403779 CAPLUS
DN 75:3779
TI Experimental study of the antitumor effect reumycin
AU Navashin, S. M.; Fomina, I. P.; Terent'eva, T. G.; Koroleva, V. G.
CS Natl. Inst. Antibiot., Moscow, USSR
SO Progr. Antimicrob. Anticancer Chemother., Proc. Int. Congr. Chemother.,
6th (1970), Meeting Date 1969, Volume 1, 119-21 Publisher: Univ. Park
Press, Baltimore, Md.
CODEN: 22PYAN
DT Conference
LA English
IT **5016-18-2**, Reumycin
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(neoplasm inhibition by)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



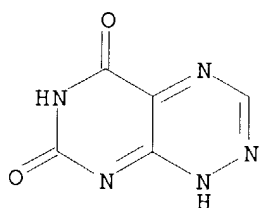
10/760,509

L5 ANSWER 105 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1971:85955 CAPLUS
DN 74:85955
TI Cytochemical analysis of the antineoplastic effect of reumycin
AU Shtegel'man, L. A.
CS Nat. Inst. Antibiot., Moscow, USSR
SO Antibiotiki (Moscow) (1970), 15(11), 1021-5
CODEN: ANTBAL; ISSN: 0003-5637
DT Journal
LA Russian
IT **5016-18-2**, Reumycin
RL: BIOL (Biological study)
(neoplasms inhibition by)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)

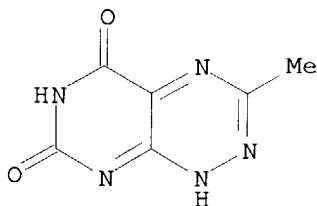


10/760,509

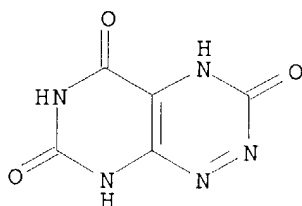
L5 ANSWER 106 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1971:61116 CAPLUS
DN 74:61116
TI Oxidation of 7-azapteridines by mammalian xanthine oxidase
AU Bergmann, Felix; Levene, Lawrence; Neiman, Zohar; Brown, Desmond J.
CS Hadassah Med. Sch., Hebrew Univ., Jerusalem, Israel
SO Biochimica et Biophysica Acta (1970), 222(1), 191-6
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English
IT **19359-69-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(oxidation of, by xanthine oxidase)
RN 19359-69-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione (9CI) (CA INDEX NAME)



IT **20144-78-9 31365-58-9**
RL: PRP (Properties)
(phys. properties of)
RN 20144-78-9 CAPLUS
CN Pyrimido[5,4-e]-as-triazine-5,7(6H,8H)-dione, 3-methyl- (8CI) (CA INDEX NAME)



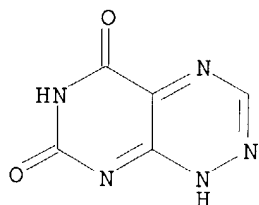
RN 31365-58-9 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-3,5,7(4H,6H,8H)-trione (9CI) (CA INDEX NAME)



10/760,509

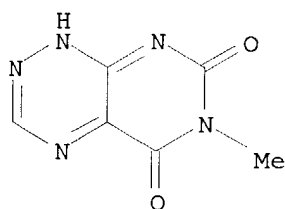
10/760,509

L5 ANSWER 107 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1969:438921 CAPLUS
DN 71:38921
TI Pyrimido[5,4-e]-as-triazines. III. Preparation and some reactions of
5-substituted pyrimido[5,4-e]-as-triazines
AU Temple, Carroll, Jr.; Kussner, Conrad L.; Montgomery, John A.
CS Kettering-Meyer Lab., Southern Res. Inst., Birmingham, AL, USA
SO Journal of Organic Chemistry (1969), 34(7), 2102-6
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 71:38921
IT **19359-69-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 19359-69-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione (9CI) (CA INDEX NAME)



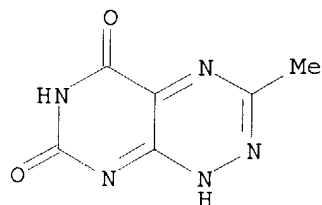
10/760,509

L5 ANSWER 108 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1969:18675 CAPLUS
DN 70:18675
TI Pharmacological studies on reumycin
AU Veis, R. A.; Storozhev, I. A.
CS Vses. Nauch.-Issled. Inst. Antibiot., Moscow, USSR
SO Antibiotiki (Moscow) (1968), 13(11), 1014-21
CODEN: ANTBAL; ISSN: 0003-5637
DT Journal
LA Russian
IT **5016-18-2**, Reumycin
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmacology of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



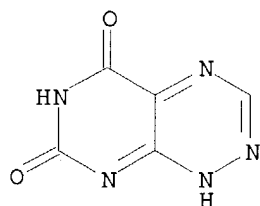
10/760,509

L5 ANSWER 109 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1968:506677 CAPLUS
DN 69:106677
TI Synthesis of 5,7-dioxo-3-methyl-5,6,7,8-tetrahydropyrimido[5,4-e]-as-
triazine
AU Zee-Cheng, Kwang-Yuen; Cheng, C. C.
CS Midwest Res. Inst., Kansas City, MO, USA
SO Journal of Medicinal Chemistry (1968), 11(5), 1107-8
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
IT **20144-78-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 20144-78-9 CAPLUS
CN Pyrimido[5,4-e]-as-triazine-5,7(6H,8H)-dione, 3-methyl- (8CI) (CA INDEX
NAME)



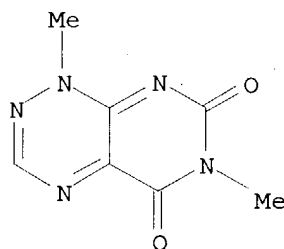
10/760,509

L5 ANSWER 110 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1968:477244 CAPLUS
DN 69:77244
TI Preparation of pyrimido[5,4-e]-as-triazine-5,7(6H,8H)-dione
AU Temple, Carroll, Jr.; Kussner, Conrad L.; Montgomery, John A.
CS Kettering-Meyer Lab., Southern Res. Inst., Birmingham, AL, USA
SO Journal of Heterocyclic Chemistry (1968), 5(4), 581-2
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
IT **19359-69-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 19359-69-4 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione (9CI) (CA INDEX NAME)



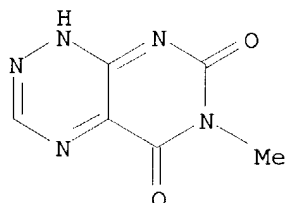
10/760,509

L5 ANSWER 111 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1968:475298 CAPLUS
DN 69:75298
TI Bongkrek toxins
AU Van Veen, A. G.
CS Cornell Univ., Ithaca, NY, USA
SO Biochem. Some Foodborne Microbial Toxins, Pap. Symp., New York (1967),
Meeting Date 1966, 43-50. Editor(s): Mateles, Richard I. Publisher:
M.I.T. Press, Cambridge, Mass.
CODEN: 19FKA3
DT Conference
LA English
IT **84-82-2**
RL: FORM (Formation, nonpreparative)
(formation of, by Pseudomonas cocovenenans, properties and toxicity of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



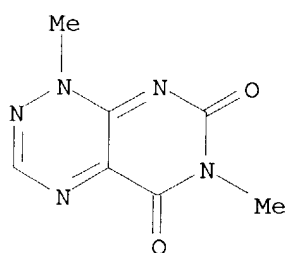
10/760,509

L5 ANSWER 112 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1968:442601 CAPLUS
DN 69:42601
TI Effect of reumycin on blood formation in healthy animals and animals with
some forms of experimental leukosis
AU Khanykova, O. K.; Koropov, I. V.
CS Tsent. Inst. Gematol. Pereliv. Krovi, Moscow, USSR
SO Antibiotiki (Moscow) (1968), 13(6), 501-5
CODEN: ANTBAL; ISSN: 0003-5637
DT Journal
LA Russian
IT **5016-18-2**, Reumycin
RL: BIOL (Biological study)
(in treatment of experimental leukosis)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



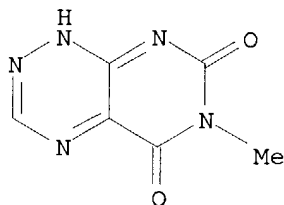
10/760,509

L5 ANSWER 113 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1968:409066 CAPLUS
DN 69:9066
TI The hypothesis that isoniazid acts via isonicotinic acid
AU Seydel, Joachim K.; Wempe, Ellen; Nestler, Hans Juergen
CS Inst. Exp. Biol. Med., Forschungsinst. Borstel, Borstel, Fed. Rep. Ger.
SO Arzneimittel-Forschung (1968), 18(3), 362-7
CODEN: ARZNAD; ISSN: 0004-4172
DT Journal
LA German
IT **84-82-2**
RL: BIOL (Biological study)
(Mycobacterium tuberculosis inhibition by)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



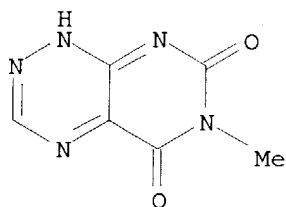
10/760,509

L5 ANSWER 114 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1968:1837 CAPLUS
DN 68:1837
TI Antitumor activity of reumycin
AU Navashin, S. M.; Fomina, I. P.; Koroleva, V. G.; Terent'eva, T. G.;
Shtegel'man, L. A.
CS Vses. Nauch.-Issled. Inst. Antibiot., Moscow, USSR
SO Antibiotiki (Moscow) (1967), 12(10), 892-8
CODEN: ANTBAL; ISSN: 0003-5637
DT Journal
LA Russian
IT **5016-18-2**, Reumycin
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(as neoplasm inhibitor)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



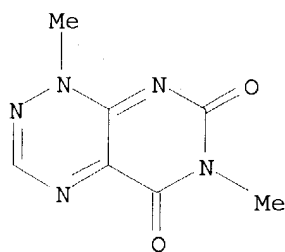
10/760,509

L5 ANSWER 115 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1966:67802 CAPLUS
DN 64:67802
OREF 64:12676h,12677a-b
TI Synthesis of 1-demethyltoxoflavin(8-demethylfervenulin)
AU Liao, T. K.; Baiocchi, Fred; Cheng, C. C.
CS Midwest Res. Inst., Kansas City, MO
SO Journal of Organic Chemistry (1966), 31(3), 900-2
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
IT **5016-18-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione, 6-methyl-
(synthesis of)
RN 5016-18-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 6-methyl- (9CI) (CA
INDEX NAME)



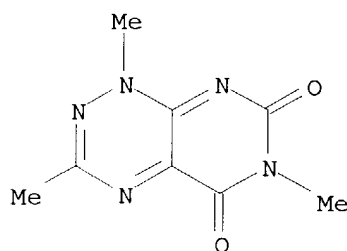
10/760,509

L5 ANSWER 116 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1966:53902 CAPLUS
DN 64:53902
OREF 64:10116d-f
TI Biosynthesis of toxoflavine, and azapteridine antibiotic produced by
Pseudomonas cocovenenans
AU Levenberg, Bruce; Linton, Sandra N.
CS Univ. of Michigan, Ann Arbor
SO Journal of Biological Chemistry (1966), 241(4), 846-52
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,6-dimethyl-
(as structure for toxoflavine)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



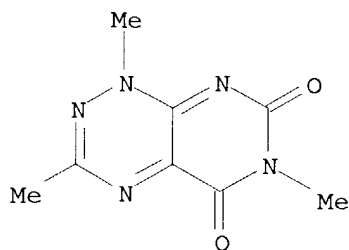
10/760,509

L5 ANSWER 117 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1965:29148 CAPLUS
DN 62:29148
OREF 62:5141g-h
TI The separation of ristomycin variants
AU Lavrova, M. F.; Lomakina, N. N.; Babenko, G. A.; Brazhnikova, M. G.
CS Res. Inst. New Antibiotics, Moscow
SO Antibiotiki (1964), 9(10), 885-90
DT Journal
LA Unavailable
IT **32502-62-8**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,3,6-trimethyl-
(polarographic determination of)
RN 32502-62-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI)
(CA INDEX NAME)



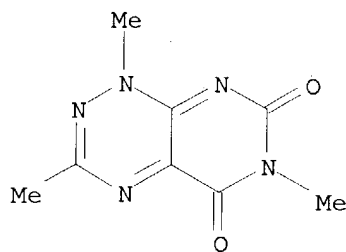
10/760,509

L5 ANSWER 118 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1965:29147 CAPLUS
DN 62:29147
OREF 62:5141f-g
TI Classical polarography in the determination of antibiotics
AU Kramarczyk, K.; Berg, H.
CS Deut. Akad. Wiss., Berlin
SO Abhandl. Deut. Akad. Wiss. Berlin, Kl. Chem., Geol. Biol. (1964), (1),
23-36
DT Journal
LA German
IT **32502-62-8**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,3,6-trimethyl-
(polarographic determination of)
RN 32502-62-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI)
(CA INDEX NAME)



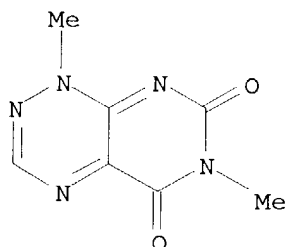
10/760,509

L5 ANSWER 119 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1964:75381 CAPLUS
DN 60:75381
OREF 60:13242d-g
TI Structure and total synthesis of planomycin
AU Tanabe, Kazuo; Asahi, Yutaka; Nishikawa, Masao; Shima, Takashi; Kuwada, Yutaka; Kanzawa, Tokunosuke; Ogata, Koichi
CS Takeda Res. Lab., Osaka, Japan
SO Takeda Kenkyusho Nenpo (1963), 22, 133-9
CODEN: TDKNAF; ISSN: 0371-5973
DT Journal
LA Unavailable
IT **32502-62-8**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (planomycin and)
RN 32502-62-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)

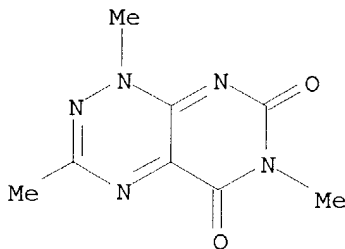


10/760,509

L5 ANSWER 120 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1962:429649 CAPLUS
DN 57:29649
OREF 57:5914g-i
TI Antibiotics. I. Synthesis of 1,6-dimethyl-5,7-dioxo-1,5,6,7-tetrahydropyrimido[5,4-e]-as-triazine (toxoflavin) and related compounds
AU Daves, G. Doyle, Jr.; Robins, Roland K.; Cheng, C. C.
CS Midwest Res. Inst., Kansas City, MO
SO Journal of the American Chemical Society (1962), 84, 1724-9
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- **32502-62-8**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (preparation of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA INDEX NAME)

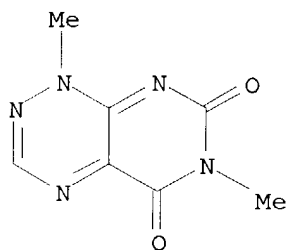


RN 32502-62-8 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,3,6-trimethyl- (9CI) (CA INDEX NAME)



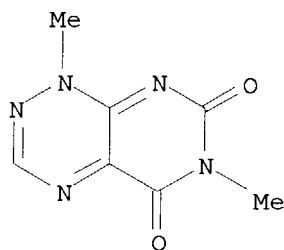
10/760,509

L5 ANSWER 121 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1962:79424 CAPLUS
DN 56:79424
OREF 56:15505f-i
TI Total synthesis of toxoflavine
AU Daves, G. Doyle, Jr.; Robins, Roland K.; Cheng, C. C.
CS Midwest Research Inst., Kansas City, MO
SO Journal of the American Chemical Society (1961), 83, 3904-5
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,6-dimethyl-
(as structure of toxoflavine)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



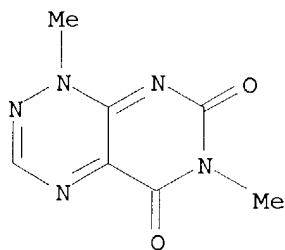
10/760,509

L5 ANSWER 122 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1962:73500 CAPLUS
DN 56:73500
OREF 56:14288e-f
TI Structure of fervenulin, a new antibiotic
AU Daves, G. Doyle, Jr.; Robins, Roland K.; Cheng, C. C.
CS Midwest Research Inst., Kansas City, MO
SO Journal of Organic Chemistry (1961), 26, 5256-7
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,6-dimethyl-
(preparation of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



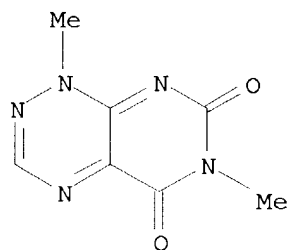
10/760,509

L5 ANSWER 123 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1962:40970 CAPLUS
DN 56:40970
OREF 56:7792a-c
TI Origin of the toxicity of toxoflavine
AU Latuasan, H. E.; Berends, W.
CS Technol. Univ., Delft, Neth.
SO Biochimica et Biophysica Acta (1961), 52, 502-8
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,6-dimethyl-
(effect on microorganisms)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



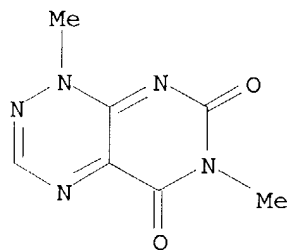
10/760,509

L5 ANSWER 124 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1962:40969 CAPLUS
DN 56:40969
OREF 56:7791h-i,7792a
TI Mode of action of vancomycin
AU Reynolds, P. E.
CS Univ. Cambridge, UK
SO Biochimica et Biophysica Acta (1961), 52, 403-5
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,6-dimethyl-
(effect on microorganisms)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



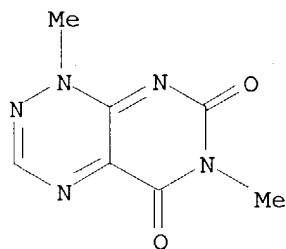
10/760,509

L5 ANSWER 125 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1961:131343 CAPLUS
DN 55:131343
OREF 55:24781h-i
TI Toxoflavine
AU Hellendoorn, A. S.; ten Cate-Dhont, R. M.; Peerdeman, A. F.
CS Lab. Kristalchem., Utrecht, Neth.
SO Recueil des Travaux Chimiques des Pays-Bas et de la Belgique (1961), 80,
307-8
CODEN: RTCPB4; ISSN: 0370-7539
DT Journal
LA Unavailable
IT **84-82-2**, Toxoflavine
(structure of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



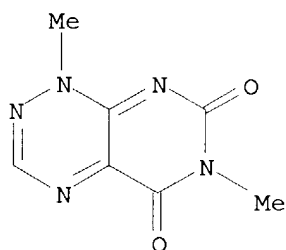
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L5 ANSWER 126 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1961:131342 CAPLUS
DN 55:131342
OREF 55:24780i,24781a-h
TI New triazine derivatives with diuretic action. II. The diuretic action of
2,4-diamino-s-triazines
AU Szabo, Laszlo; Szporny, Laszlo; Clauder, Otto
CS Orvostudományi Egyetem, Budapest
SO Acta Pharmaceutica Hungarica (1961), 31, 163-72
CODEN: APHGAO; ISSN: 0001-6659
DT Journal
LA Hungarian
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,6-dimethyl-
(preparation of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



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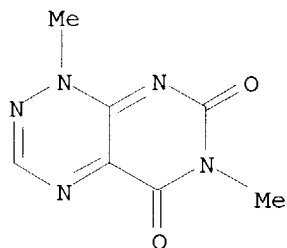
L5 ANSWER 127 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1960:88176 CAPLUS
DN 54:88176
OREF 54:16745d-h
TI Toxoflavine, the yellow poison of *Pseudomonas cocovenenans*
AU van Damme, P. A.; Johannes, A. G.; Cox, H. C.; Berenda, W.
CS Univ. Delft, Neth.
SO Rev. trav. chim. (1960), 79, 255-67
DT Journal
LA English
IT **84-82-2**, Pyrimido[5,4-e]-as-triazine-5,7(1H,6H)-dione,
1,6-dimethyl-
(as toxoflavine)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



(structure of

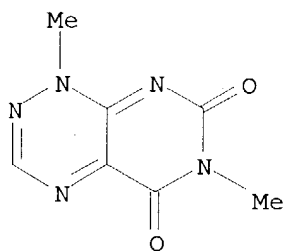
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L5 ANSWER 128 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1954:72329 CAPLUS
DN 48:72329
OREF 48:12875h-i,12876a
TI Xanthothricin, a new antibiotic
AU Machlowitz, Roy A.; Fisher, W. P.; McKay, Betsey S.; Tytell, Alfred A.;
Charney, Jesse
CS Merck & Co., Inc., West Point, PA
SO Antibiotics and Chemotherapy (Washington, D. C.) (1954), 4, 259-61
CODEN: ANTCAO; ISSN: 0570-3123
DT Journal
LA Unavailable
IT **84-82-2**, Xanthothricin
(preparation of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



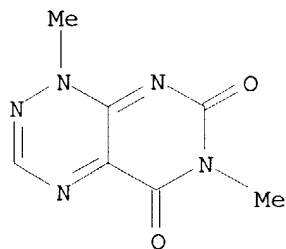
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L5 ANSWER 129 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1938:33047 CAPLUS
DN 32:33047
OREF 32:4593a-f
TI Toxoflavin, an isomer of 1-methylxanthine
AU van Veen, A. G.; Baars, J. K.
SO Recueil des Travaux Chimiques des Pays-Bas et de la Belgique (1938), 57,
248-64
CODEN: RTCPB4; ISSN: 0370-7539
DT Journal
LA German
IT **84-82-2**, Toxoflavin
(and derivs.)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



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L5 ANSWER 130 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1937:47780 CAPLUS
DN 31:47780
OREF 31:6619d-f
TI Constitution of toxoflavin
AU van Veen, A. G.; Baars, J. K.
SO Proc. Acad. Sci. Amsterdam (1937), 40, 498-505
DT Journal
LA Unavailable
IT **84-82-2**, Toxoflavin
(constitution of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



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L5 ANSWER 131 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1935:39481 CAPLUS

DN 29:39481

OREF 29:5138e-g

TI Oxidation-reduction potentials of toxoflavin

AU Stern, Kurt G.

SO Stern. Biochem. J. (1935), 29, 500-8

DT Journal

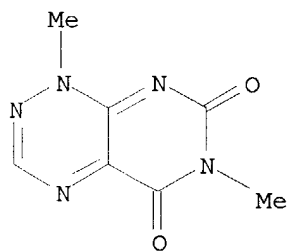
LA Unavailable

IT **84-82-2**, Toxoflavin

(oxidation-reduction potential of)

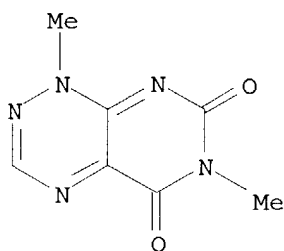
RN 84-82-2 CAPLUS

CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



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L5 ANSWER 132 OF 132 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1934:36839 CAPLUS
DN 28:36839
OREF 28:4420d-i
TI Toxoflavin, the yellow poison of bongkrek
AU van Veen, A. G.; Mertens, W. K.
SO Recueil des Travaux Chimiques des Pays-Bas et de la Belgique (1934), 53,
398-404
CODEN: RTCPB4; ISSN: 0370-7539
DT Journal
LA Unavailable
IT **84-82-2**, Toxoflavin
(preparation of)
RN 84-82-2 CAPLUS
CN Pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione, 1,6-dimethyl- (9CI) (CA
INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

432.96

589.01

STN INTERNATIONAL LOGOFF AT 11:24:08 ON 07 NOV 2004